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# HAND BOOK

## SHOWING THE OPERATION

# Chapter 68 P. L. 1916

Whereby the State House Commission is constituted a  
Purchasing Commission for all State Departments  
and Institutions which are designated  
as "using agencies."

PUBLISHED BY DIRECTION OF THE

## STATE HOUSE COMMISSION

JAMES F. FIELDER, Governor, Chairman,  
E. I. EDWARDS, Comptroller of the Treasury, Secretary,  
WILLIAM T. READ, State Treasurer,  
EDWARD E. GROSSCUP, Purchasing Agent.

Union Hill, N. J.  
HUDSON PRINTING COMPANY

1916





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# INTRODUCTION

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The purpose of this pamphlet is to make clear the operation of the system adopted by the State House Commission for carrying out the provisions of Chapter 68, P. L. 1916, known as the "State Purchasing Act."

Prior to the enactment of the Purchasing Act of 1916 and continuing until October 31st of this year, the power to purchase furniture, equipment, material, supplies, printing and stationery, needed for the several departments, institutions and other subdivisions of the government has been vested in the official, head of department, commission, committee, board of managers or of trustees appointed according to law for the administration of their several divisions of the government. No form of consolidation of purchases has been in effect, and now in New Jersey, with one piece of legislation it is attempted to centralize in a single authority the purchasing of furniture, equipment, materials, supplies, printing and stationery for all of the institutions, departments or divisions of the government. The Act indicates, in Section 3, specifically those things which do not come within the purview of the statute. They are:

First, the erection or construction of any building or additions thereto or alteration or repair thereof, as distinguished from the furnishing or equipment or maintenance thereof;

Second, the construction or repair of any road or bridge;

Third, the performance of any like work.

The inference, therefore, is that everything else comprehended within the purchasing power of any official, commission, board or division of the government is, at least by implication, vested in the State House Commission, which is constituted, in conjunction with the Purchasing Agent, as the sole purchasing power for the state.

This makes the situation difficult, for the reason that many questions arise in connection with the operation of the divisions of the government which were probably not in the minds of the members of the Legislature.

The consolidation of departments which has been effected in the last few years has produced a system of consolidated appropriations, comprehending within them features that are and are not within the purview of the statute creating a central purchasing agency. Likewise, the appropriations made for the operation or maintenance of the institutions comprehend within them features that are distinctly declared by Section 3 of the act to be without the jurisdiction of the Purchasing Board, while at the same time these appropriations are used for the payment of those things which by Section 2 of the act come within the purview of the statute.



Many of the state institutions are credited out of appropriation by allowances for maintenance of inmates, based upon the number of inmates at an established per capita. These allowances are only available monthly, and can only be credited to the drawing account of these institutions as they become due. A number of departments do not receive appropriations from the Legislature, but are allowed to expend the sums collected by them in the way of fines, fees, penalties or receipts for privileges, licenses and the like, that come within their jurisdiction. The uncertainty of the amount of these earnings on the one hand and of the fines, penalties, receipts and the like on the other, makes exceedingly difficult, from a financial standpoint, any plan of purchase.

Another feature of administration quite beyond the scope of a purchasing commission is the traveling expenses of employees, particularly in the Departments of Labor, Health, Conservation and Development, Agriculture and Public Utilities Commission, necessitated by the statutes regulating these departments. This is a considerable factor of cost in the operation of these departments.

The result has been that in order to arrive at a well-defined plan of purchasing and of financing purchases, it has been necessary to make a comprehensive study of the needs of the departments and institutions of the state, and the method of operating, and to formulate a plan elastic enough to meet all of those needs and to be facile of operation without running counter to the many statutes regulating the financial matters of the state and the disbursement of public moneys.

The Appropriation Act has been analyzed, and those appropriations which come exclusively within the control of the separate divisions of the government, and are therefore not available for purchases made by this Commission, are given in detail. The appropriations that are clearly within the scope of the Purchasing Act are also shown in detail, while those appropriations that combine both features have been listed and will be made the subject of consideration between the divisions of the government to which they are credited and the State House Commission, so that the amount available for either purpose may be exactly determined.

The purpose of this pamphlet is to set forth in detail the plan of purchase by the State Purchasing Agent, the financial operations connected with it, decided upon by the Comptroller of the Treasury, the rules and regulations for enforcing both plans adopted by the Commission, with instructions to departments, officials and institutions or subdivisions of the government as to their duties in connection with the same, together with information to vendors showing the method of operation and the requirements they shall have to comply with in purchasing transactions.

The Commission has been much gratified by the willing cooperation of the superintendents and wardens of the institutions, who have conferred repeatedly and at much inconvenience to themselves in establishing standards of quality. These meetings have been held frequently since the creation of the Purchasing Commission. Many standards have been agreed upon, many others are under consideration by the members of the Advisory Board representing the institutions and the Purchasing Commission, which will not be available at the time of the adoption of the schedules for the purchases to be made for the period beginning November 1, 1916, when the act becomes effective. As these standards are established they will be incorporated in subsequent schedules.

The periods for which purchases will be made, as established by the Commission, are two in number:

First, one period of thirty days, from November 1 to November 30, 1916.

Second, one period of three months, from November 1 to January 31, 1917.

The decision to limit the periods as indicated was made by the Commission as the result of investigation of market conditions and because of the experience of other states. The disturbance of business by the war in Europe has created a situation quite unusual in the markets of this country. Other states have been unable to obtain prices at which many articles can be purchased for a period longer than thirty days. There are a number of articles for which prices may be obtained for a period of three months. The continuance of present conditions seems to preclude the possibility of purchasing but few of the articles needed for a period in excess of three months.

It is regrettable that the Legislature did not see fit to make a larger appropriation suitable for the carrying out of the many objects set forth in the act. The Commission has been hampered by lack of funds with which to secure expert knowledge regarding standards in the preparation of the specifications without entering upon the possibilities of a central warehouse system. In addition, the incorporation of Section 19, whereby the purchase or use of the products of the labor of the inmates of the charitable, reformatory or penal institutions of the state was excluded from the operation of the act, has complicated the work of the Commission, as the sale and use of the products of inmate labor enter largely into the economical operation of many of the institutions. The solution of this problem is now receiving the attention of the Commission, with the hope that it will be achieved before the adoption of schedules for the next period of purchase.

Time and experience and cooperation on the part of all the divisions of the government will determine the value of this legislation, but the system cannot be made perfect unless the Legislature shall provide a capital fund out of which it will be possible to make payment for opportune or seasonal purchases. The establishment of such a fund will likewise make more easy of solution difficulties in the way of financing the plan of purchase, and will inure to the benefit of those institutions whose funds are available periodically, without removing the per capita limitation of their administration. The creation of a "Purchase" fund at the disposal of the "Purchasing Commission" which could be recouped as the earnings of the institutions become available, is the best and soundest plan, financially, of making a central purchase plan a successful one.



# Institutions Supported by State or Receiving State Aid

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New Jersey provides for the support of defective-minded, criminal and delinquent, sick, aged and blind residents of the state in the following institutions supported in whole or in part by the State. The following are the names, locations, and post-office addresses of these institutions:

## PENAL AND CORRECTIONAL.

<i>Name.</i>	<i>Location.</i>	<i>P. O. Address.</i>
State Prison,	Trenton,	Trenton, N. J.
Prison Farm,	Leesburg,	Leesburg, N. J.
Prison Camp No. 1,	Layton,	Layton, N. J.
Prison Camp No. 2,	Monmouth Junction,	Monmouth Junction, N. J.
Prison Camp No. 3,	Norma,	Norma, N. J.
Prison Camp No. 4,	Newton,	Newton, N. J.
New Jersey Reformatory,	Rahway,	Rahway, N. J.
Home for Boys,	Jamesburg,	Jamesburg, N. J.
Reformatory for Women,	Clinton,	Clinton, N. J.
Home for Girls,	Trenton,	Trenton, N. J.

## EDUCATIONAL INSTITUTIONS OWNED AND OPERATED BY THE STATE.

<i>Name.</i>	<i>Location.</i>	<i>P. O. Address.</i>
Normal School and Boarding Hall,	Trenton,	Trenton, N. J.
Normal School and Boarding Hall,	Upper Montclair,	Upper Montclair, N. J.
Normal School,	Newark,	Newark, N. J.
School for the Deaf,	Trenton,	Trenton, N. J.
Manual Training and Industrial School,	Bordentown,	Bordentown, N. J.

## EDUCATIONAL INSTITUTION RECEIVING STATE AID.

<i>Name.</i>	<i>Location.</i>	<i>P. O. Address.</i>
Agricultural College,	New Brunswick,	New Brunswick, N. J.

## EDUCATIONAL DEPARTMENT MAINTAINED BY THE STATE.

<i>Name.</i>	<i>Location.</i>	<i>P. O. Address.</i>
Agricultural Experiment Station,	New Brunswick,	New Brunswick, N. J.

Payments to local boards to aid Industrial Schools:

Newark.....	\$10,000.00 per annum
Trenton.....	10,000.00 per annum
Hoboken.....	7,000.00 per annum
To school districts for manual training.....	210,000.00 per annum

In 1915 the State paid counties and school districts for aid to vocational schools the sum of \$80,000.00. In 1916 the appropriations total the sum of \$120,000.00.

## CHARITABLE INSTITUTIONS.

<i>Name.</i>	<i>Location.</i>	<i>P. O. Address.</i>
State Hospital,	Trenton Junction,	Trenton, N. J.
State Hospital,	Morris Plains,	Greystone Park, N. J.
Village for Epileptics,	Skillman,	Skillman, N. J.
Institution for Feeble-Minded Women,	Vineland,	Vineland, N. J.
Colonies for Feeble-Minded Males,	Four Mile,	New Lisbon, N. J.
Sanitarium for Tuberculous Diseases,	Glen Gardner,	Glen Gardner, N. J.

## SOLDIERS' HOMES.

<i>Name.</i>	<i>Location.</i>	<i>P. O. Address.</i>
Home for Disabled Soldiers, Sailors, Marines and Their Wives,	Vineland,	Vineland, N. J.
Home for Disabled Soldiers,	Kearny,	Harrison, N. J.

## DEPARTMENTS MAINTAINED BY THE STATE FOR THE PROPAGATION OF FISH AND GAME.

<i>Name.</i>	<i>Location.</i>	<i>P. O. Address.</i>
Game Farm,	Forked River,	Forked River, N. J.
Fish Hatchery,	Hackettstown,	Hackettstown, N. J.

## INSTITUTIONS RECEIVING STATE AID.

The following County Hospitals for the Insane are allowed the sum of Two Dollars per week per capita for each indigent patient confined therein:

1. Atlantic County.
2. Burlington County.
3. Camden County.
4. Cumberland County.
5. Essex County.
6. Gloucester County.
7. Hudson County.
8. Passaic County.
9. Salem County.

The following County Hospitals for the care of Tuberculosis Patients are allowed the sum of Three Dollars per week per capita from state funds as appropriation is made by the Legislature.

1. Camden County.
2. Hudson County.
3. Morris County.
4. Union County.
5. Essex County.

Feeble-minded males and females are maintained in the following institutions out of the state funds:

1. New Jersey Training School, Vineland, N. J.
2. Pennsylvania Training School, Elwyn, Pa.

Blind residents of the state are maintained in the following institutions out of state funds:

1. Arthur Home for Blind Babies, Summit, N. J.
2. Normal School and Boarding Hall, Trenton, N. J.
3. New York Institution for the Blind.
4. Pennsylvania Institution for the Blind.
5. Catholic Institution for the Blind, New York City.

# INDEX

to

Appropriations, Their Numbers, Titles and  
Letters, included in the Annual Appropriation Act for the Year Beginning  
November 1st, 1916, and  
Ending October 31st, 1917

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Chapter 289, P. L. 1916







1.

EXECUTIVE DEPARTMENT.

For the Governor, for salary, ten thousand dollars;	Governor's Salary	1 A		1 A
For the secretary to the Governor, for salary, four thousand dollars;	Secretary's Salary	1 B		1 B
For compensation for assistants in the executive department, five thousand one hundred dollars;	Compensation of Assistants	1 C		1 C
For blanks and stationery for the use of the executive department, one thousand dollars;	Blanks and Stationery	1 D	1 D	
For postage, expressage and other incidental expenses for the executive department, two thousand dollars.	Incidentals	1 E	1 E	

2.

OFFICE OF THE COMPTROLLER.

For the Comptroller, for salary, six thousand dollars;	Comptroller's Salary	2 A		2 A
For the Deputy Comptroller, for salary, three thousand six hundred dollars;	Deputy Comptroller's Salary	2 B		2 B
For compensation for clerical services and expenses, eight thousand six hundred dollars;	Clerical Services and Expenses	2 C	2 C	
For blanks and stationery for use in the office of the Comptroller, two thousand dollars;	Blanks and Stationery	2 D		2 D
For postage, expressage and other incidental expenses for the Comptroller's office, four thousand dollars;	Incidentals	2 E		2 E
For salaries and expenses incident to the carrying out of the provisions of chapter three hundred and nineteen, laws of one thousand nine hundred and thirteen, thirteen thousand five hundred dollars;	Bureau of Audit, Salaries and Expenses	2 F	2 F	
For the purpose of carrying out the provisions of chapter two hundred and fifty-eight, laws of one thousand nine hundred and fourteen, two thousand five hundred dollars.	Requisition Act	2 G	2 G	

3.

OFFICE OF THE TREASURER.

For the Treasurer, for salary, six thousand dollars;	Treasurer's Salary	3 A		3 A
For compensation for clerical services in the office of the Treasurer, fourteen thousand eight hundred dollars;	Clerical Services	3 B		3 B

		To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
For blanks and stationery for use in the office of the Treasurer, seven hundred dollars;	Blanks and Stationery 3 C		3 C	
For postage, expressage and other incidental expenses for the office of the Treasurer, one thousand dollars.	Incidentals 3 D		3 D	
4.				
OFFICES OF THE STATE COMPTROLLER AND STATE TREASURER.				
For the purpose of carrying out the provisions of chapter two hundred and eighty-eight of the laws of one thousand nine hundred and seven, five thousand dollars.	Purposes Chap. 288, Laws 1907 4 A	4 A		
5.				
OFFICE OF THE SECRETARY OF STATE.				
For the Secretary of State, for salary, six thousand dollars;	Sec'y State, for Salary 5 A			5 A
For the Assistant Secretary of State, for salary, three thousand dollars;	Asst. Sec'y State, for Salary 5 B			5 B
For compensation for clerical services in the office of the Secretary of State, twenty-three thousand three hundred dollars;	Clerical Services 5 C			5 C
For postage, expressage and other incidental expenses for the office of Secretary of State, four thousand dollars;	Incidentals 5 D		5 D	
For blanks and stationery for use in the office of the Secretary of State, thirteen thousand dollars;	Blanks and Stationery 5 E		5 E	
For preserving old records by the Emery process, one thousand dollars;	Preserving Old Records 5 F		5 F	
For additional metallic cases for equipment of vaults, one thousand dollars;	Additional Metallic Cases 5 G		5 G	
For compiling and indexing the primary and general election laws, three hundred dollars;	Compiling, Indexing Election Laws 5 H			5 H
For the purchase of corporation laws at a rate not to exceed fifty cents per copy, two thousand dollars.	Purchase Corporation Laws 5 I		5 I	
6.				
SECRETARY OF STATE, DEPARTMENT OF MOTOR VEHICLE REGULATION AND REGISTRATION.				
For salary for the Commissioner of Motor Vehicles, one thousand five hundred dollars;	Commissioner's Salary 6 A			6 A

			To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
For salary for the chief inspector, one thousand eight hundred dollars;	Chief Inspector's Salary	6 B			6 B
For compensation for inspectors, thirty-seven thousand eight hundred dollars;	Compensation for Inspectors	6 C			6 C
For expenses and equipment of inspectors, twenty-one thousand dollars.	Inspectors' Equipment and Expenses	6 D	6 D		
For compensation for clerical services, ten thousand seven hundred and fifty dollars.	Clerical Services	6 E			6 E
For postage, expresage and other incidental expenses, six hundred dollars;	Incidentals	6 F		6 F	
For blanks and stationery, eight thousand dollars;	Blanks and Stationery	6 G		6 G	
For reimbursement of applicants for licenses who have made errors in the rating of their machines, three hundred dollars;	Applicants' Reimbursement	6 H			6 H
For the purchase and packing of identification marks and dies for use in connection with the same, twenty-eight thousand six hundred dollars; payment of the above items in this account to be made from the receipts of the department of motor vehicle regulation and registration, pursuant to chapter two hundred and thirty-five, laws of one thousand nine hundred and nine.	Purchase and Packing of Markers	6 I		6 I	

## 7.

## ATTORNEY-GENERAL'S DEPARTMENT.

For the Attorney-General, for salary, seven thousand dollars;	Attorney-Genral's Salary	7 A			7 A
For the Assistant Attorney-General, for salary, five thousand dollars;	Asst. Attorney-General's Salary	7 B			7 B
For the second Assistant Attorney-General, for salary, four thousand eight hundred dollars;	2nd Asst. Attorney-General's Salary	7 C			7 C
For compensation and expenses of assistants employed by the Attorney-General, seventeen thousand five hundred dollars;	Compensation and Expenses of Assistants	7 D	7 D		
For blanks and stationery for use in the office of the Attorney-General, five hundred dollars;	Blanks and Stationery	7 E		7 E	
For postage, expressage and other incidental expenses for the Attorney-General's department, one thousand five hundred dollars;	Incidentals	7 F		7 F	

		To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
For compensation and expenses of counsel employed by the Attorney-General in foreign States, to collect taxes due from bankrupt and other insolvent corporations, five hundred dollars.	Compensation and Expenses of Counsel in Foreign States	7 G		7 G
8.				
DEPARTMENT OF BANKING AND INSURANCE.				
For the Commissioner of Banking and Insurance, for salary, six thousand dollars;	Commissioner's Salary	8 A		8 A
For the Deputy Commissioner of Banking and Insurance, for salary, three thousand five hundred dollars;	Deputy Commissioner's Salary	8 B		8 B
For compensation for assistants in the Department of Banking and Insurance, nineteen thousand five hundred dollars;	Compensation of Assistants	8 C		8 C
For blanks and stationery for use in the Department of Banking and Insurance, five thousand dollars;	Blanks and Stationery	8 D	8 D	
For postage, expressage and other incidental expenses for the Department of Banking and Insurance, five thousand dollars;	Incidentals	8 E	8 E	
For compensation of building and loan association examiners, twenty three thousand dollars;	Compensation B. & L. Examiners	8 F		8 F
For actual and necessary traveling and incidental personal expenses of building and loan association examiners, four thousand dollars;	B. & L. Examiners' Expenses	8 G	8 G	
For necessary appraisals of real estate and all other incidental expenses in connection with examinations of building and loan associations, three hundred dollars.	B. & L. Appraisals	8 H		8 H
9.				
STATE BOARD OF TAXES AND ASSESSMENT.				
For salaries and expenses of the State Board of Taxes and Assessment, pursuant to chapter two hundred and forty-four, laws of one thousand nine hundred and fifteen, sixty-three thousand dollars.	Salaries and Expenses	9 A	9 A	

10.

## DEPARTMENT OF HEALTH.

For salaries and expenses of the Department of Health, one hundred and forty thousand dollars;	Salaries and Expenses,	10 A	10 A	
For the enforcement of subdivision D, section four of chapter two hundred and eighty-eight, laws of one thousand nine hundred and fifteen, five thousand dollars.	Sub-Div. D, Sec. 4, Chap. 288, Laws 1915	10 B		10 B

11.

## COUNTY BOARDS OF TAXATION.

For salaries and expenses of the Department of Health, one hundred and forty thousand dollars;	Salaries of Members	11 A		11 A
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12.

## PUBLIC ROADS.

For State Road Fund, including cost of State highway survey, pursuant to chapter three hundred and ninety-six, laws of one thousand nine hundred and twelve, five hundred thousand dollars;	State Road Fund	12 A		12 A
For carrying into effect the provisions of chapter two hundred and twenty-three, laws of one thousand nine hundred and twelve, and any supplements thereto and amendments thereof, seventy-five thousand dollars;	Convict Labor Act	12 B	12 B	
For expenses of the department, including equipment, pay and expenses of surveying corps, twenty-six thousand five hundred dollars;	Department Expenses	12 C	12 C	
For commissioner, for salary, five thousand dollars;	Commissioner's Salary	12 D		12 D
For State Highway Engineer, for salary, four thousand dollars;	State Highway Engineer's Salary	12 E		12 E
For salaries of four division highway engineers, eight thousand dollars;	Salaries four Division Highway Engineers	12 F		12 F
To W. F. Irish, for a pressure distributor furnished during the year one thousand nine hundred and thirteen, eight hundred and sixty dollars, when approved by the Commissioner of Public Roads in form satisfactory to the Comptroller;	W. F. Irish, claim	12 G		12 G

To be  
Budgeted.Available  
Under Ch. 68,  
P. L. 1916.Not Available  
Under Ch. 68,  
P. L. 1916.



			To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
For the purpose of carrying out the provisions of a bill pending entitled "An act to provide for the proper construction, grading and drainage of the unimproved township roads of the State and to provide State aid therefor," four thousand eight hundred dollars; <i>provided</i> , said bill becomes a law;	Township Roads Act	12 H			12 H
The sum of seventy-five thousand dollars is hereby appropriated pursuant to chapter two hundred and twenty-three, laws of one thousand nine hundred and sixteen;	Essex County—Chap. 223, Laws 1916	12 I			12 I
For Motor Vehicle Fund, one thousand nine hundred and seventeen	Motor Vehicle Allotments	12 J			12 J
13.					
STATE LIBRARY.					
For the Librarian, for salary, three thousand dollars;	Librarian's Salary	13 A			13 A
For compensation for assistants in the State Library, three thousand three hundred dollars;	Compensation of Assistants	13 B			13 B
For the repair, preservation and purchase of useful books, periodicals, newspapers and other publications for the State Library, three thousand dollars;	Books, purchase, repairs, etc.,	13 C		13 C	
For blanks, stationery, postage, expressage and other incidental expenses for the State Library, eight hundred dollars;	Blanks, Stationery, Incidentals	13 D		13 D	
For the purpose of carrying into effect the provisions of chapter twenty-nine, laws of one thousand nine hundred and fourteen, one thousand dollars.	Legislative Reference Bureau	13 E	13 E		

14.

## PUBLIC LIBRARY COMMISSION.

For the purpose of carrying into effect the provisions of chapter sixty-two, laws of one thousand nine hundred; for clerical assistants, necessary traveling expenses and other expenses incurred by the commission, including the cost of conducting a summer school in library training or library institutes, and for carrying into effect the provisions of chapter one hundred and seventy-five, laws of one thousand eight hundred and ninety-eight, and its supplements, providing for the establishing and maintenance of a system of traveling libraries; and for the purpose of carrying into effect the provisions of chapter one hundred and fifteen, laws of one thousand nine hundred and six, sixteen thousand dollars;

Clerical Assistants		
Incidentals, etc.	14 A	14 A

To be  
Budgeted.Available  
Under Ch. 68,  
P. L. 1916.Not Available  
Under Ch. 68,  
P. L. 1916.

For the formation and administration of libraries in the free public schools of the State, as provided by the general school law, supplemented by chapter one hundred eighty-six, laws of one thousand nine hundred and fourteen, seven thousand dollars.

Administration free		
school libraries	14 B	

14 B

15.

## DEPARTMENT OF LABOR.

For salaries and expenses of the Department of Labor, one hundred and ten thousand dollars.

Salaries and Ex-		
penses	15 A	15 A

16.

## STATE HOUSE COMMISSION.

For the State House Commission, for the care and safekeeping of the State Capitol, the property therein and adjacent public grounds, insurance upon State Capitol and contents, and for expenses to be incurred in carrying out the provisions of chapter three hundred and thirty-nine of the laws of one thousand eight hundred and ninety-four, eighty thousand dollars;

For care of Capitol,		
Insurance, etc.	16 A	16 A



		To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
For the State House Commission, for the purpose of excavating, filling, grading, placing top soils; for laying out and constructing walks, paths and roads; for planting grass, trees, shrubs and so forth; for laying out and constructing drains, gutters, and for any other improvement necessary or proper upon the lands in the rear of the State House, lying between the Delaware river and the water-power raceway, according to the adopted plan for the improvement thereof, or any modification thereof properly adopted; and also for the acquisition by gift, purchase or condemnation, of such additional land as may be necessary or proper, lying between the Delaware river and the water-power raceway, and between the westerly line of the State House grounds extended and the Assunpink creek, ten thousand dollars;	Purchase and Improving of lands, etc., between Delaware River and Water Power Raceway	16 B	16 B	
For carpets for Assembly Chamber, painting, renovating and general repairs to buildings, two thousand dollars;	Carpets for Assembly Chamber	16 C		16 C
For the purpose of carrying into effect the provisions of chapter sixty-eight, laws of one thousand nine hundred and sixteen, ten thousand dollars;	Purposes Chap. 68, Laws 1916	16 D	16 D	
For the State House Commission for the purpose of acquiring, by purchase or condemnation, in the name of the State, lands in the city of Trenton, with buildings thereon erected, and for any necessary removals and alterations of the same, and improvement of said lands as included in chapter two hundred and forty-two of the laws of one thousand nine hundred and eleven, and any supplements thereto or amendments thereof, fifty thousand dollars.	Acquiring Lands, Buildings	16 E		16 E

17.

DEPARTMENT OF CONSERVATION AND DEVELOPMENT.

For salaries and expenses of the Department of Conservation and Development, pursuant to chapter two hundred and forty-one, laws of one thousand nine hundred and fifteen, exclusive of any part of the bills incurred by townships in controlling forest fires, sixty-two thousand seven hundred dollars;	Salaries and Expenses	17 A	17 A	
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		To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
For the State's share of bills incurred by townships in controlling forest fires, four thousand dollars;	State's Share, Forest Fires	17 B		17 B
For the purchase of land and the erection of a suitable building for a chemical and testing laboratory, and the heating, lighting and equipment of such building, including machinery and apparatus, twenty-three thousand five hundred dollars.	Chemical and Testing Laboratory	17 C		17 C

## 18.

## SUPREME COURT.

For the Chief Justice and Associate Justices of the Supreme Court, for salaries, one hundred and nine thousand dollars;	Salaries Chief Justice and Associate Justices	18 A		18 A
For the judges of the Circuit Court, for salaries, seventy-two thousand dollars;	Salaries Judges Circuit Courts	18 B		18 B
For compensation of sergeant-at-arms and criers, one thousand three hundred dollars;	Compensation Serg't-at-Arms and Criers	18 C		18 C
For the payment of expenses incurred by the order of the Supreme Court pursuant to chapter one hundred and forty-nine of the laws of one thousand nine hundred, three thousand five hundred dollars;	Extraordinary Expenses, Chap. 149, Laws 1900	18 D	18 D	
For blanks and stationery for use of the Chief Justice and Associate Justices of the Supreme Court, and incidental expenses, two hundred and fifty dollars.	Blanks and Stationery	18 E		18 E

## 19.

## OFFICE OF THE CLERK OF THE SUPREME COURT.

For the Clerk of the Supreme Court, for salary, six thousand dollars;	Clerk's Salary	19 A		19 A
For compensation for clerical services in the office of the Clerk of the Supreme Court, seventeen thousand five hundred dollars;	Clerical Services	19 B		19 B
For blanks and stationery for use in the office of the Clerk of the Supreme Court, two thousand three hundred and sixty dollars;	Blanks and Stationery	19 C		19 C
For postage, expressage and other incidental expenses for the office of the Clerk of the Supreme Court, one thousand nine hundred dollars.	Incidentals	19 D		19 D

## 20.

## COURT OF CHANCERY.

For the Chancellor, for salary, thirteen thousand dollars;	Chancellor's Salary	20 A		20 A
For the Vice-Chancellors, for salaries, ninety-six thousand dollars;	Vice-Chancellors' Salaries	20 B		20 B
For compensation of sergeant-at-arms and traveling expenses, six thousand seven hundred dollars;	Compensation, etc., Sergeant-at-Arms	20 C		20 C
For compensation of stenographers, and for services pursuant to section one hundred and three of chapter one hundred and fifty-eight, laws of one thousand nine hundred and two, twenty-one thousand dollars;	Stenographers' Compensation, etc.	20 D		20 D
For compensation and allowance of Advisory Masters and their official stenographers, thirteen thousand dollars;	Advisory Masters' Allowance, etc.	20 E		20 E
For rent of rooms in Atlantic City, Jersey City, Newark and Trenton, for the use of the Chancellor, Vice-Chancellors and Advisory Masters, seven thousand six hundred and sixteen dollars;	Rent of Rooms	20 F		20 F
For miscellaneous expenses in connection with such rooms, one hundred and fifty dollars;	Expenses Chancery Court Rooms	20 G	20 G	
For compensation of stenographer for the Chancellor, six hundred dollars;	Chancellor's stenographer	20 H		20 H
For allowance for stationery for the Court of Chancery, five hundred dollars.	Stationery	20 I	20 I	

## 21.

## OFFICE OF CLERK IN CHANCERY.

For the Clerk in Chancery, for salary, six thousand dollars;	Clerk's Salary	21 A		21 A
For compensation for clerical services in the office of the Clerk in Chancery, thirty-seven thousand dollars;	Clerical Services	21 B		21 B
For blanks and stationery for use in the office of the Clerk in Chancery, three thousand dollars;	Blanks and Stationery	21 C		21 C
For postage, expressage and other incidental expenses for the office of the Clerk in Chancery, three thousand five hundred dollars.	Incidentals	21 D		21 D

To be  
Budgeted.Available  
Under Ch. 68,  
P. L. 1916.Not Available  
Under Ch. 68,  
P. L. 1916.

22.

COURT OF ERRORS AND APPEALS.

			To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
For compensation of judges of the Court of Errors and Appeals, twenty-two thousand dollars;	Compensation of Judges	22 A			22 A
For compensation of officers of the Court of Errors and Appeals, one thousand seven hundred and fifty dollars;	Compensation of Officers	22 B			22 B
For furnishing printed or typewritten copies of draft opinions under the direction of the presiding judge, one thousand dollars.	Copies of Draft Opinions	22 C			22 C
For expressage and other incidental expenses for the court, one hundred and fifty dollars.	Incidentals	22 D		22 D	

23.

COURT OF PARDONS.

For compensation for judges of Court of Pardons, four thousand five hundred dollars;	Compensation of Judges	23 A			23 A
For compensation of subordinate officers and incidental expenses, one thousand two hundred and fifty dollars.	Compensation Officers, Incidentals	23 B	23 B		

24.

COURT EXPENSES.

For compensation of judges of the Court of Common Pleas, pursuant to section forty-nine, chapter one hundred and forty-nine of the laws of one thousand nine hundred, five hundred dollars.	Compensation of Judges	24 A			24 A
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25.

LAW AND EQUITY REPORTS.

For the publication of the Chancery reports, six thousand five hundred dollars;	Publication Chancery Reports	25 A		25 A	
For the publication of the law reports, six thousand five hundred dollars;	Publication Law Reports	25 B		25 B	
For salary of Chancery reporter, five hundred dollars;	Salary Chancery Reporter	25 C			25 C
For salary of Supreme Court reporter, five hundred dollars;	Salary Supreme Court Reporter	25 D			25 D
For binding Chancery and law reports, nine hundred and fifty dollars.	Binding Chancery and Law Reports	25 E		25 E	

26.

STENOGRAPHIC REPORTERS.

For amount to be refunded to various counties in this State for salaries of stenographic reporters appointed by the justices of the Supreme Court, pursuant to chapter eighty-one of the laws of one thousand nine hundred and one, fifteen thousand seven hundred sixty-five dollars and four cents.

Stenographic Reporters 26 A

26 A

To be Budgeted.  
Available Under Ch. 68, P. L. 1916.  
Not Available Under Ch. 68, P. L. 1916.

27.

NATIONAL GUARD.

For expenses for brigade, regimental, artillery, battalion and squadron headquarters, three thousand four hundred dollars;

Division, Brigade and Regimental Headquarters 27 A

27 A

For allowances for three batteries of artillery, two thousand dollars each, six thousand dollars;

Allowances for three Batteries Artillery 27 B

27 B

For allowances for four troops of cavalry, at two thousand dollars each, including rent of armory, eight thousand dollars;

Allowances for four Troops Cavalry 27 C

27 C

For allowances for sixty companies of infantry, at five hundred dollars each, thirty thousand dollars;

Allowances for Sixty Companies Infantry 27 D

27 D

For allowance for one signal corps, two thousand dollars;

Allowance for Signal Corps 27 E

27 E

For transportation for battalion drills, inspections, parades, and for pay and expenses of inspecting officers, five thousand dollars;

Transportation for Battalion Drills, etc. 27 F

27 F

For compensation of officers and employees, and expenses incurred in connection with rifle practice, nine thousand dollars;

Rifle Practice 27 G

27 G

For pay of officers and enlisted men, and expenses in connection with the annual encampment, seventy thousand dollars;

Annual Encampment 27 H

27 H

For compensation of the superintendent and employees, and for forage, fuel and maintenance of the State camp grounds, nine thousand dollars;

State Camp Grounds 27 I

27 I

For fuel, light and maintenance of the State arsenal, one thousand five hundred dollars;

State Arsenal 27 J

27 J

For expenses of military boards and courts-martial, one thousand two hundred dollars;

Military Boards and Courts-Martial 27 K

27 K



			To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
For transportation of disabled soldiers of the late rebellion and the Spanish-American war, thirty dollars;	Transportation Disabled Soldiers	27 L			27 L
For maintaining, heating and lighting regimental armories at Jersey City, Camden, Newark, Paterson and Trenton, at four thousand four hundred dollars each, twenty-two thousand dollars;	Expenses of Regimental Armories	27 M	27 M		
For maintaining, heating and lighting battery troop and battalion armories at Newark, East Orange, Camden, Elizabeth, Red Bank and Orange, twenty-two thousand dollars;	Expenses of Battery, Troop and Battalion Armories	27 N	27 N		
For maintaining, heating and lighting company armories at Somerville, Hackensack, Bridgeton, Asbury Park, New Brunswick and Englewood, one thousand five hundred dollars each, nine thousand dollars;	Expenses of Company Armories	27 O	27 O		
For insuring regimental armories, buildings at the State camp grounds at Sea Girt, the State arsenal and all public military stores, four thousand nine hundred and fifty dollars;	Insurance	27 P		27 P	
For horse allowance to officers required to be mounted for duty at annual encampment, two thousand five hundred dollars;	Horse Allowance for Officers	27 Q	27 Q		
For ordnance stores, uniforms, clothing, camp and garrison equipment, freight and expressage and miscellaneous supplies, ten thousand dollars;	Ordnance Stores, etc.	27 R		27 R	
For allowances for uniforms and equipment for officers of regiments, troops, batteries, companies, signal corps, and the naval reserve, as provided in section one hundred and twenty-seven of "An act concerning the militia of the State," approved May sixteenth, one thousand nine hundred and six, six thousand five hundred dollars;	Allowance for Uniforms	27 S	27 S		
For horse allowance to mounted organizations providing horses for State service, at fifty dollars per horse per annum, four thousand nine hundred dollars;	Horse Allowance, Mounted Organizations	27 T	27 T		
For support and maintenance of headquarters, organizations and detachments of medical corps, two thousand dollars;	Medical Corps Headquarters, Organizations and Detachments	27 U	27 U		
For traveling expenses of United States army officers detailed to the State by the War Department as Instructor-Inspectors of the National Guard, one thousand dollars;	Expenses U. S. A. Officers	27 V			27 V

		To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
For pay of clerk attached to Instructor-Inspector's office, six hundred dollars;	Clerk's Pay, Instructor-Inspector's Office	27 W		27 W
For salary of caretaker of military equipment of signal corps company, one thousand two hundred dollars;	Salary Caretaker, Military Equipment Signal Corps Company	27 X		27 X
For extraordinary repairs, alterations, additions and furnishings for the preservation, equipment and completion of regimental, battery, troop, battalion and company armories, ten thousand dollars;	Extraordinary Repairs, Alterations, Additions and Furnishings Regimental, Troop, Battalion and Company Armories	27 Y	27 Y	
For salary of caretaker of military equipment of troop D, first squadron cavalry, one thousand five hundred dollars;	Salary Caretaker, Troop D, First Squadron Cavalry	27 Z	.	27 Z
For salary of caretaker at armory of companies K and M, fourth infantry, at Hoboken, seven hundred and eighty dollars;	Companies K and M Fourth Infantry	27 AA		27 AA
For equipping and furnishing company armory at New Brunswick, one thousand dollars;	Equipping and Furnishing New Brunswick Armory	27 BB	27 BB	
For painting, repairing and general improvement of buildings at State camp grounds, Sea Girt, five thousand dollars;	Painting, Repairing and General Improvement Buildings State Camp Grounds	27 CC	27 CC	
For settlement of street paving assessment levied against the State arsenal property, city of Trenton, nine hundred eighty-two dollars and seventy-five cents;	Assessment on State Arsenal Property, Trenton,	27 DD		27 DD
For construction of armory for fourth regiment, infantry, at Jersey City, pursuant to chapter one hundred and seventy-seven, laws of one thousand nine hundred and fourteen, fifty thousand dollars;	Construction of Armory, Fourth Regiment, Jersey City	27 EE		27 EE
For construction of armory for company L, third infantry, at Atlantic City, pursuant to chapter thirty-two, laws of one thousand nine hundred and fifteen, twenty-five thousand dollars;	Construction of Armory, Company L, Third Infantry, Atlantic City	27 FF		27 FF
For construction of armory for company K, second infantry, at Plainfield, pursuant to chapter three hundred and forty-five, laws of one thousand nine hundred and fifteen, twenty-five thousand dollars;	Construction of Armory, Company K, Second Infantry, Plainfield	27 GG		27 GG
For construction of armory for company E, third infantry, at Mount Holly, pursuant to chapter two hundred and sixty-six, laws of one thousand nine hundred and thirteen, twenty-five thousand dollars.	Construction of Armory, Company E, Third Infantry, Mount Holly	27 HH		27 HH



28.

## NAVAL RESERVE.

		To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
First battalion, in lieu of company allowances, one thousand five hundred dollars;	For First Battalion, in lieu of Company Allowances	28 A		28 A
For battalion headquarters, three hundred dollars;	For Battalion Headquarters	28 B		28 B
For pay of shipkeeper, maintenance and expenses, six thousand five hundred dollars;	Pay of Shipkeeper, Expenses, etc.	28 C	28 C	
For pay and expenses of officers and men on annual cruise and practice cruises, four thousand eight hundred dollars;	Expenses of Annual Cruise	28 D	28 D	
Second battalion, in lieu of company allowances, one thousand five hundred dollars;	For Second Battalion, in lieu of Company Allowances	28 E		28 E
For battalion headquarters, three hundred dollars;	For Battalion Headquarters	28 F		28 F
For pay of shipkeeper, maintenance and expenses, six thousand five hundred dollars;	Pay of Shipkeeper, Expenses, etc.	28 G	28 G	
For pay and expenses of officers and men on annual cruise and practice cruises, four thousand eight hundred dollars.	Expenses of Annual Cruise	28 H	28 H	

29.

## SEA GIRT COTTAGE.

For maintenance of cottage at Sea Girt and entertainment therein, three thousand five hundred dollars.	Maintenance, etc.	29 A	29 A	
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30.

## ADJUTANT-GENERAL'S DEPARTMENT.

For the Adjutant-General, for salary, two thousand five hundred dollars;	Adjutant - General's Salary	30 A		30 A
For compensation for clerical service in the Adjutant-General's office, seven thousand seven hundred fifty dollars;	Clerical Services	30 B		30 B
For blanks and stationery for use in the Adjutant-General's office, one thousand five hundred dollars;	Blanks and Stationery	30 C		30 C
For postage, expressage and other incidental expenses for the Adjutant-General's office, one thousand dollars;	Incidentals, etc.	30 D	30 D	

To be Budgeted.	Available Under Ch. 68. P. L. 1916.	Not Available Under Ch. 68. P. L. 1916.
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For annual dues to Interstate National Guard Association for the year one thousand nine hundred and seventeen, fifty dollars;

Annual Dues, I. N.  
G. A. 30 E

30 E

For printing, binding and distributing the annual report of the proceedings of the department of New Jersey, Grand Army of the Republic, five hundred dollars;

Printing, etc., Annual  
Report N. J. G. A.  
R. 30 F

30 F

For clerical services and expenses incident to the compilation of the roster of officers and enlisted men of New Jersey in the Revolutionary and other wars, at Trenton, New Jersey, and elsewhere, two thousand dollars.

Roster of Revolution-  
ary and Other Wars 30 G 30 G

### 31.

#### QUARTERMASTER-GENERAL'S DEPARTMENT.

For the Quartermaster-General, for salary, two thousand five hundred dollars;

Quartermaster - Gen-  
eral's Salary 31 A

31 A

For compensation for assistants in the department of the Quartermaster-General, namely:

For chief clerk, for salary, two thousand five hundred dollars;

Chief Clerk's Salary 31 B

31 B

For clerks, for salaries, five thousand five hundred and twenty dollars;

Clerks' Salaries 31 C

31 C

For military storekeeper, for salary, one thousand two hundred dollars;

Military Storekeep-  
er's Salary 31 D

31 D

For carpenter, machinist and to persons having in charge accoutrements, et cetera, cleaning arms, et cetera, teamster and laborer, for salaries, three thousand six hundred dollars;

State Arsenal, Pay  
Roll Employees 31 E

31 E

For blanks and stationery for use in Quartermaster-General's department, five hundred dollars;

Blanks and Station-  
ery 31 F

31 F

For postage, expressage and other incidental expenses for the Quartermaster-General's department, five hundred and fifty dollars.

Incidentals 31 G 31 G

### 32.

#### TRANSFER INHERITANCE TAX.

For surrogates' fees, appraisers' compensation and expenses, legal and other disbursements, and for the purpose of carrying out the provisions of the inheritance tax laws, sixty thousand dollars.

Transfer Inheritance  
Tax 32 A 32 A

The Comptroller of the Treasury is hereby authorized, and it shall be his duty, to withdraw from the State fund such amounts as shall be required to carry out the provisions of chapter two hundred and thirty-eight, laws of one thousand nine hundred and nine, and to refund and pay such claims as may be necessary and the State Treasurer shall pay same upon the warrants of the said Comptroller and there is hereby appropriated the amount necessary therefor.

Refunds, etc. 32 B

To be  
Budgeted.

Available  
Under Ch. 68,  
P. L. 1916.

Not Available  
Under Ch. 68,  
P. L. 1916.

32 B

33.

COLLATERAL INHERITANCE TAX, RE-  
FUND.

For the repayment of collateral inheritance taxes paid, as assessed under the collateral inheritance tax act and to the refund of which the estates having made payment may be entitled under the decision of the Court of Errors and Appeals of this State, rendered July eighth, one thousand nine hundred and ten, In re Dixon vs. Russell (Collard Estate), also those estates which having made payment may be entitled to refund under the decision of the Supreme Court, In re Moss vs. Edwards, rendered July seventeenth, one thousand nine hundred and twelve (John L. Foote Estate), provided the application for such repayment shall be made within two (2) years from the date of payment of such tax. Payment of such claims shall be made only when proven in form, manner and substance to the satisfaction of the State Comptroller and approved by the Attorney-General of this State, five thousand dollars.

Collateral Inheritance  
Tax Refunds by  
Court Decisions 33 A

33 A

34.

DEPARTMENT OF CHARITIES AND COR-  
RECTIONS.

For salary of commissioner, four thousand dollars;

Commissioner's  
Salary 34 A

34 A

For salary of assistant (architect), three thousand six hundred dollars;

Salary of Assistant 34 B

34 B

For salaries of draughtsmen, seven thousand dollars;

Salaries of Draughts-  
men 34 C

34 C

For allowance for clerical service, six thousand three hundred dollars;

Clerical Service 34 D

34 D

For traveling expenses of commissioner and assistants, one thousand eight hundred dollars;

Traveling Expenses,  
Commissioner and  
Assistants 34 E

34 E

			To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
For blanks, stationery, postage, et cetera, one thousand five hundred dollars;	Blanks, Stationery and Incidentals	34 F		34 F	
For blue prints and drawing materials, one thousand two hundred dollars;	Blue Prints and Drawing Materials	34 G		34 G	
For research work, one thousand six hundred dollars;	Research Work	34 H	34 H		
For salaries and expenses of two regular inspectors, and extra as needed, four thousand five hundred dollars;	Inspectors' Salaries and Expenses	34 I			34 I
For services of engineers, surveyors and other technical services as needed, three thousand dollars;	Technical Services	34 J			34 J
For deportation of aliens and non-residents, one thousand five hundred dollars;	Deportation of Aliens	34 K			34 K
For salary and expenses of agent inspecting institutions applying for certification of endorsement, pursuant to chapter ninety-seven, laws of one thousand nine hundred and fourteen, and chapter one hundred and eighteen, laws of one thousand nine hundred and fourteen, one thousand five hundred dollars.	Agents' Salary and Expenses	34 L			34 L

## 35.

## NEW JERSEY CONFERENCE OF CHARITIES AND CORRECTIONS.

For printing and distributing the proceedings of the annual conference of the New Jersey Conference of Charities and Corrections, for the year one thousand nine hundred and sixteen, six hundred dollars.	Printing and Distributing Proceedings, etc.	35 A	35 A
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## 36.

## STATE BOARD OF TENEMENT HOUSE SUPERVISION.

For rent of offices, two thousand five hundred dollars;	Rent	36 A	36 A
For printing and stationery, seven hundred fifty dollars;	Printing and Stationery	36 B	36 B
For clerical service and stenographer, five thousand four hundred dollars;	Clerical Service, Stenographer	36 C	36 C
For salary of architect and plan examiner, one thousand eight hundred dollars;	Salary of Architect and Plan Examiner	36 D	36 D
For salary of chief inspector, one thousand four hundred dollars;	Chief Inspector's Salary	36 E	36 E

			To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
For thirty inspectors, one thousand two hundred dollars each, thirty-six thousand dollars;	Salaries, Thirty In- spectors	36 F			36 F
For assistant plan examiner, one thousand three hundred and fifty dollars;	Assistant Plan Ex- aminer's Salary	36 G			36 G
For salaries of six clerks, nine thousand dollars;	Salaries, Six Clerks	36 H			36 H
For secretary and executive officer, three thousand six hundred dollars;	Salary of Secretary and Executive Of- ficer	36 I			36 I
For incidentals, postage and expressage, two thousand dollars;	Incidentals	36 J		36 J	
For inspectors' expenses, four thousand dollars;	Inspectors' Expenses	36 K			36 K
For traveling expenses of executive officer and plan examiners, three hundred and fifty dollars;	Traveling Expenses, Executive Officer and Plan Exami- ners	36 L			36 L
For expenses of members of the Board of Tenement House Supervision, four hundred dollars.	Members' Expenses	36 M			36 M
For office furnishings and supplies, two hundred dollars.	Office Furnishing and Supplies	36 N		36 N	

## 37.

## CIVIL SERVICE COMMISSION.

For salaries and expenses of the Civil Service Commission, fifty thousand dollars.	Salaries and Expenses	37 A	37 A	
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## 38.

## BOARD OF PUBLIC UTILITY COMMISSIONERS.

For salaries and expenses of the Board of Public Utility Commissioners, one hundred and forty-five thousand dollars.	Salaries and Expenses	38A	38 A	
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## 39.

## DEPARTMENT OF PUBLIC REPORTS.

For salary of Commissioner of Public Reports, two thousand dollars;	Commissioner's Salary	39 A		39 A
For salary of clerk, six hundred dollars;	Clerk's Salary	39 B		39 B
For blanks and stationery for use of the department, fifty dollars;	Blanks and Station- ery	39 C		39 C
For postage, expressage and other incidental expenses for the department, fifty dollars.	Incidentals	39 D		39 D



40.

INVESTIGATION OF HUDSON COUNTY  
TUBERCULOSIS HOSPITAL.

To Clarence Sackett, for services rendered and expenses incurred to June fourth, one thousand nine hundred and thirteen, in connection with the investigation of the Hudson County Tuberculosis Hospital, three hundred and fifty-four dollars.

Services and Ex-  
penses, Claim of  
1913 40 A

40 A

To be  
Budgeted.

Available  
Under Ch. 68,  
P. L. 1916.

Not Available  
Under Ch. 68,  
P. L. 1916.

41.

BOARD OF COMMERCE AND NAVIGATION.

For salaries and expenses of the Department of Commerce and Navigation, pursuant to chapter two hundred and forty-two, laws of one thousand nine hundred and fifteen, forty-six thousand two hundred dollars;

Salaries and Expenses 41 A 41 A

For continuation of work of construction of Bay-Head-Manasquan river canal, fifty thousand dollars.

Bay Head-Manasquan  
Canal 41 B

41 B

42.

DEPARTMENT OF WEIGHTS AND MEASURES.

For salaries and expenses of the Department of Weights and Measures, pursuant to chapter two hundred and one, laws of one thousand nine hundred and eleven, twelve thousand dollars.

Salaries and Expenses 42 A 42 A

43.

STATE BOARD OF EDUCATION.

For necessary expenses of the State Board of Education, two thousand six hundred dollars.

Expenses 43 A 43 A

44.

COMMISSIONER OF EDUCATION.

For salary of commissioner, ten thousand dollars;

Commissioner's  
Salary 44 A

44 A

For salaries of four assistants, eighteen thousand dollars;

Salaries of Four As-  
sistants 44 B

44 B

For clerical services, twenty-one thousand six hundred and seventy dollars;

Clerical Services 44 C

44 C

For salary of inspector of buildings, two thousand five hundred dollars;

Building Inspector's  
Salary 44 D

44 D



			To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
For salary of inspector of accounts, two thousand five hundred dollars;	Inspector of Accounts, Salary	44 E			44 E
For blanks, stationery and printing, sixteen thousand dollars;	Blanks, Stationery, Printing	44 F		44 F	
For incidental expenses, twelve thousand dollars;	Incidental Expenses	44 G	44 G		
For two thousand five hundred copies of the Manual of the Legisla- ture of New Jersey, two thousand five hundred dollars; <i>provided</i> , manuals are furnished for school use only, all public schools to be included in the distribution;	Legislative Manuals	44 H		44 H	
For educational bulletin, one thou- sand five hundred dollars;	Educational Bulletin	44 I		44 I	
The moneys in this item appropri- ated shall be deducted in the same manner as the moneys heretofore ap- propriated to the superintendent of public instruction are required to be deducted pursuant to chapter sixty- five of the laws of one thousand nine hundred and nine.					
For Teachers' Pensions pursuant to chapter two hundred and sixty- eight, laws of one thousand nine hun- dred and fourteen,	Teachers' Pensions	44 J			44 J
Receipts from academic certifi- cates,	Academic Certificates	44 K	44 K		
45.					
STATE NORMAL SCHOOL AT TRENTON.					
For the support of the State Nor- mal School at Trenton, ninety-five thousand dollars;	For Support	45 A	45 A		
For necessary repairs to the grounds, buildings and furniture, and for keeping the same insured, twelve thousand dollars;	Repairs and Insurance	45 B	45 B		
For extra compensation to the teachers in the various school dis- tricts in this State for training the pupils in the State Normal School at Trenton in the art of teaching, and for necessary expenses for supervis- ing the same, ten thousand dollars; payments under this account to be made pursuant to chapter sixty-five, laws of one thousand nine hundred and nine;	Extra Compensation, Practice, Teaching and Supervision	45 C			45 C
For Model School and Boarding Hall.	Expenses	45 D	45 D		

## 46.

## STATE NORMAL SCHOOL AT MONTCLAIR.

For support of the State Normal School at Montclair, sixty-four thousand dollars;

For necessary improvements and repairs to the grounds, buildings and furniture, and for keeping the same insured, six thousand dollars;

For maintenance of boarding hall, two thousand dollars;

For extra compensation to the teachers in the various school districts of the State for training the pupils of the State Normal School at Montclair in the art of teaching and for traveling expenses of the Normal School teachers in supervising said training, twelve thousand five hundred dollars; payments under this account to be made pursuant to chapter sixty-five, laws of one thousand nine hundred and nine.

For Support

46 A

To be  
Budgeted.

46 A

Repairs and Insurance 46 B

46 B

Boarding Hall Maintenance

46 C

46 C

Extra Compensation,  
Practice Teaching  
and Expenses of  
Supervision

46 D

46 D

Available  
Under Ch. 68,  
P. L. 1916.Not Available  
Under Ch. 68,  
P. L. 1916.

## 47.

## STATE NORMAL SCHOOL AT NEWARK.

For support of the State Normal School at Newark, one hundred and ten thousand dollars;

For necessary improvements and repairs to the grounds, buildings and furniture, and for keeping the same insured, two thousand five hundred dollars;

For extra compensation to the teachers in the various school districts in this State for training the pupils in the State Normal School at Newark in the art of teaching, and for necessary expenses for supervising the same, thirteen thousand seven hundred and fifty dollars; the moneys in this item appropriated to be deducted in the same manner as the moneys appropriated to normal schools are required to be deducted pursuant to chapter sixty-five, laws of one thousand nine hundred and nine.

For Support

47 A

47 A

Repairs and Insurance 47 B

47 B

Extra Compensation,  
Practice Teaching  
and Expenses of  
Supervision

47 C

47 C

## 48.

## NEW JERSEY SCHOOL FOR THE DEAF.

For the erection of a south wing (fireproof) to contain locker-room, sitting-room and dormitories for girls, forty thousand dollars;

Erection of South  
Wing

48 A

48 A

For the New Jersey School for the Deaf, for the teaching, maintenance and clothing of pupils taught therein, for purchase and repair of furniture, school apparatus and other appliances, for making needed improvements and repairs in the buildings and grounds, for insurance thereof, and for maintaining the system of manual and industrial education in said school, sixty-five thousand dollars; payments to be made pursuant to chapter sixty-five, laws of one thousand nine hundred and nine.

Maintenance

48 B

To be  
Budgeted.  
48 BAvailable  
Under Ch. 68,  
P. L. 1916.Not Available  
Under Ch. 68,  
P. L. 1916.

49.

#### MANUAL TRAINING AND INDUSTRIAL SCHOOL FOR COLORED YOUTH.

For maintenance of the Manual Training and Industrial School for Colored Youth, thirty-seven thousand dollars;

Maintenance

49 A

49 A

For a trade building to be known as the "Samuel W. Gordon Trade Building," twelve thousand dollars;

Samuel W. Gordon  
Trade Building

49 B

49 B

For equipment of trade building, six thousand dollars;

Equipment of Trade  
Building

49 C

49 C

For dormitory and equipment, twenty-five thousand dollars;

Dormitory and Equip-  
ment

49 D

49 D

For teachers' home, ten thousand dollars;

Teachers' Home

49 E

49 E

For materials for permanent improvements, work to be done by the students as a part of their industrial training, one thousand dollars; payments under this account to be made pursuant to chapter sixty-five, laws of one thousand nine hundred and nine.

Materials for Perma-  
nent Improvements

49 F

49 F

50.

#### COUNTY SUPERINTENDENTS.

For county superintendents of schools, for salaries, sixty-three thousand dollars; payment to be made pursuant to chapter sixty-five, laws of one thousand nine hundred and nine.

Salaries

50 A

50 A

51.

#### STATE BOARD OF EXAMINERS.

For expenses incurred by the State Board of Examiners, ten thousand dollars.

Expenses

51 A

51 A

52.

INDUSTRIAL EDUCATION.

For payments to schools established for industrial education, pursuant to chapter seventy-eight, laws of one thousand nine hundred and nine, thirty thousand dollars;

Payments to Schools  
for Industrial Edu-  
cation

52 A

52 A

For payments to schools for manual training, pursuant to article twenty-two, section two hundred and thirty, school law of one thousand nine hundred and three, two hundred and ten thousand dollars. Of the amount hereby appropriated so much thereof as may be necessary shall be available for payment of allowances due school districts previous to the current fiscal year.

Payments to Schools  
for Manual Train-  
ing

52 B

52 B

53.

VOCATIONAL SCHOOLS.

For the purpose of carrying into effect the provisions of chapter seventy-six, laws of one thousand nine hundred and sixteen, forty thousand dollars.

Vocational Schools

53 A

53 A

54.

EVENING SCHOOLS FOR FOREIGN-BORN RESIDENTS.

For the purpose of carrying out the provisions of an act entitled "An act providing for the establishment of evening schools for foreign-born residents in the State of New Jersey," approved April eleventh, one thousand nine hundred and seven, five thousand dollars; payment to be made pursuant to chapter sixty-five, laws of one thousand nine hundred and nine.

For Evening Schools,  
Foreign-Born Resi-  
dents

54 A

54 A

55.

TEACHERS' RETIREMENT FUND.

To the board of trustees, for payment of expenses incurred in connection with the administration of the teachers' retirement fund, pursuant to chapter one hundred and thirty-nine, laws of one thousand nine hundred and seven, nine thousand dollars;

To Trustees for Ex-  
penses

55 A

55 A

To the State Treasurer, for expenses incurred in connection with the fund, pursuant to said chapter, as follows:

To be  
Budgeted.

Available  
Under Ch. 68,  
P. L. 1916.

Not Available  
Under Ch. 68,  
P. L. 1916.

		To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
For clerical services, two thousand six hundred dollars;	To State Treasurer, for Clerical Services	55 B		55 B
For blanks, stationery, postage, expressage, et cetera, six hundred dollars.	Blanks, Stationery, etc.	55 C	55 C	
56.				
TEACHERS' INSTITUTES.				
For expenses of teachers' institutes, two thousand dollars.	Expenses	56 A	56 A	
57.				
TEACHERS' LIBRARIES.				
For the establishment and maintenance of libraries for use of teachers, four hundred dollars.	Establishment and Maintenance	57 A		57 A
58.				
SUMMER COURSE IN AGRICULTURE, ETC.				
For the purpose of carrying out the provisions of chapter three hundred and ten, laws of one thousand nine hundred and thirteen, ten thousand dollars; payment to be made as provided by chapter sixty-five, laws of one thousand nine hundred and nine.	Summer Schools	58 A	58 A	
59.				
BOARD OF SHELL FISHERIES.				
For salaries and expenses of the Board of Shell Fisheries, thirty thousand dollars.	Salaries and Expenses	59 A	59 A	
60.				
STATE HOSPITALS.				
For traveling expenses of managers, eight hundred dollars;	Manager's Expenses	60 A		60 A
For expenses in transferring insane convicts, one hundred dollars;	Transferring Insane Convicts	60 B	60 B	
For medical examination of insane convicts, five hundred dollars.	Medical Examination, Insane Convicts	60 C	60 C	



## 61.

## STATE HOSPITAL AT MORRIS PLAINS.

			To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
For maintenance of county patients, at the rate of two dollars per week; for support and clothing of insane convicts, at the rate of five dollars per week for each insane convict; and support and clothing of indigent patients, at the rate of four dollars per week, three hundred ninety-seven thousand eight hundred dollars;	Maintenance	61 A	61 A		
For salaries of officers, twenty-five thousand nine hundred dollars;	Salaries of Officers	61 B			61 B
For appraisement of personal property, two hundred dollars;	Appraisement	61 C		61 C	
For insurance premiums, six thousand dollars;	Insurance	61 D		61 D	
For research work, two thousand five hundred dollars;	Research Work	61 E	61 E		
For amusement fund, one thousand dollars;	Amusement Fund	61 F		61 F	
For clothing of State indigent patients, eight thousand dollars;	Clothing, State Indigent Patients	61 G		61 G	
For shower baths, ten thousand dollars;	Shower Baths	61 H		61 H	
For laundry equipment, seven thousand dollars;	Laundry Equipment	61 I		61 I	
For furnishing addition to fire house, one thousand dollars;	Furnishing Addition Fire House	61 J		61 J	
For composite flooring, cement and sand, dormitory building, three thousand dollars;	Composite Flooring, Dormitory Building	61 L		61 L	
For filing cases, one thousand dollars;	Filing Cases	61 M		61 M	
For auto truck, two thousand dollars;	Auto Truck	61 N		61 N	
For additional equipment for industrial department for patients, two thousand five hundred dollars;	Additional Equipment, Industrial Dept.	61 O		61 O	
For complete X-ray equipment, including induction coil, protective apparatus and all essential appliances, three thousand five hundred dollars;	X-Ray Equipment, etc.	61 P		61 P	
For David Honeyman, for services, two hundred and twenty dollars;	David Honeyman, Services	61 Q			61 Q
For materials for walks and porches, five hundred dollars;	Materials, Walks and Porches	61 R		61 R	
For railroad equipment, three thousand dollars.	Railroad Equipment	61 S		61 S	



62.

## STATE HOSPITAL\* AT TRENTON.

			To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
For maintenance of county patients, at the rate of two dollars per week, for support and clothing of insane convicts, at the rate of five dollars per week for each insane convict; and support and clothing of indigent patients, at the rate of four dollars per week, two hundred and fifty-four thousand eight hundred dollars;	Maintenance	62 A	62 A		
For salaries of officers, twenty-three thousand dollars;	Salaries of Officers	62 B			62 B
For appraisalment of personal property, two hundred dollars;	Appraisalment	62 C		62 C	
For research work, two thousand five hundred dollars;	Research Work	62 D	62 D		
For fire insurance premiums, three thousand dollars;	Insurance	62 E		62 E	
For materials consisting of lead, oils, et cetera, for painting purposes, one thousand dollars;	Painting Materials	62 F		62 F	
For fire protection, consisting of fire-escapes, automatic water sprinklers, fireproof stairways and fire walls, et cetera, twenty-five thousand dollars;	Fire Protection	62 G	62 G		
For laboratory supplies and apparatus, one thousand five hundred dollars;	Laboratory Supplies, Apparatus	62 H	62 H		
For lumber for new floors, fences and general repairs, two thousand five hundred dollars;	Lumber, New Floors, Fences, etc.	62 I		62 I	
For new furniture, one thousand five hundred dollars;	New Furniture	62 J		62 J	
For labor and materials repairing greenhouses, five hundred dollars;	Labor, Material Greenhouses	62 K	62 K		
For repointing buildings, one thousand dollars;	Repointing Buildings	62 L	62 L		
For stone, labor and materials for repairing roads or laying new walks, five hundred dollars;	Stone, Labor, Mate- rials; Roads and Walks	62 M	62 M		
For repairing two summer houses and walks, five hundred dollars;	Repairing Two Sum- mer Houses, Walks	62 N			62 N
For trees and shrubbery, five hundred dollars;	Trees and Shrubbery	62 O		62 O	
For pipe, steam traps, et cetera, for repairing steam and water lines, five hundred dollars;	Pipe, Steam Traps, etc., for Repairs, Lines	62 P		62 P	
For new roof for house at Hunt farm, five hundred dollars;	New Roof, Hunt Farm House	62 Q			62 Q

			To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
For amusement fund, one thousand dollars;	Amusement Fund	62 R		62 R	
For cleaning out woods, laying out walks, et cetera, five hundred dollars;	Cleaning Out Woods, Laying Walks	62 S		62 S	
For additional laundry machinery, two thousand dollars;	Additional Laundry Machinery	62 T		62 T	
For new piggery, consisting of pens, fences, et cetera, seven thousand dollars;	New Piggery, Pens, Fences, Etc.	62 U		62 U	
To complete the erection of a house of detention for convict or criminal insane, pursuant to chapter two hundred and sixty-one, laws of one thousand nine hundred and eleven, one hundred and ten thousand dollars.	Complete Erection House of Detention	62 V			62 V

## 63.

## COUNTY LUNATIC ASYLUMS.

For the support of county patients in the Essex county lunatic asylum, one hundred and seventy-five thousand dollars;	Support, Essex Co.	63 A			63 A
In the Hudson county lunatic asylum, eighty thousand dollars;	Support, Hudson Co.	63 B			63 B
In the Camden county lunatic asylum, twenty-five thousand dollars;	Support, Camden Co.	63 C			63 C
In the Burlington county lunatic asylum, fifteen thousand dollars;	Support, Burlington Co.	63 D			63 D
In the Passaic county lunatic asylum, four thousand dollars;	Support, Passaic Co.	63 E			63 E
In the Gloucester county lunatic asylum, eight hundred dollars;	Support, Gloucester Co.	63 F			63 F
In the Cumberland county lunatic asylum, thirteen thousand dollars;	Support, Cumberland Co.	63 G			63 G
In the Salem county lunatic asylum, eight hundred dollars;	Support, Salem Co.	63 H			63 H
In the Atlantic county lunatic asylum, eleven thousand five hundred dollars.	Support, Atlantic Co.	63 I			63 I

## 64.

## STATE PRISON.

For maintenance of the State Prison and maintenance of the convicts, one hundred and sixty thousand dollars;	Maintenance	64 A	64 A	
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		To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
For maintenance of principal keeper and resident physician, pursuant to chapters one hundred and sixty-three and two hundred and forty-four of the laws of one thousand nine hundred and six, one thousand eight hundred dollars;	Principal Keeper and Resident Physician 64 B	64 B		
For furniture, appliances and repairs for residences of principal keeper and resident physician, two hundred dollars;	Furniture, Appliances and Repairs for Principal Keeper and Res. Physician 64 C	64 C		
For furniture, appliances and repairs of State Prison, prison farm and road camps, twelve thousand five hundred dollars;	Furniture, Appliances and Repairs 64 D	64 D		
For the principal keeper, for salary, three thousand five hundred dollars;	Salary Principal Keeper 64 E			64 E
For the physicians, deputy keepers and employees at prison and prison farm, for salaries, one hundred nineteen thousand two hundred dollars;	Salaries Sub. Officers and Employees 64 F			64 F
For the six inspectors, for salaries, three thousand dollars;	Inspectors' Salaries 64 G			64 G
For traveling expenses of the Board of Inspectors, one thousand dollars;	Inspectors' Expenses 64 H			64 H
For the keeper, for payments to discharged convicts, three thousand five hundred dollars;	Discharged Convicts 64 I			64 I
For teachers and moral instructors to the convicts in the State Prison, for salary, two thousand four hundred dollars;	Salaries Teachers, Moral Instructors 64 J			64 J
For traveling and other necessary expenses incurred by the parole agent, pursuant to chapter two hundred and thirty-two, laws of one thousand nine hundred and five, five hundred dollars;	Expenses of Parole Agent 64 K			64 K
For maintenance of the electrocution plant, pursuant to the provisions of chapter seventy-nine, laws of one thousand nine hundred and six, and acts amendatory thereto, two thousand dollars;	Electrocution Plant 64 L	64 L		
For the maintenance of a school in the State Prison, pursuant to chapter sixty-five, laws of one thousand nine hundred and seven, one thousand six hundred dollars;	For School 64 M	64 M		
For bureau of identification, three hundred dollars;	Bureau of Identification 64 N		64 N	

		To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
For the purpose of carrying out the provisions of chapter three hundred and seventy-two, laws of one thousand nine hundred and eleven, and amendments thereof and supplements thereto, or in the advent of any law creating a revolving fund or capital account for purposes of the State use system for manufacturing at the State Prison, ten thousand dollars;	Prison Labor Account 64 O			64 O
For fertilizer, seeds, grain and forage at the prison farm, five thousand four hundred dollars;	Fertilizer, Seeds, Grain, etc. 64 P		64 P	
For stock and implements at prison farm, one thousand dollars;	Stock and Implements 64 Q		64 Q	
For medical attendance at State Prison, farm and camps, six hundred dollars;	Medical Attendance 64 R		64 R	
For annual appraisement, two hundred dollars;	Appraisement 64 S		64 S	
For insurance premiums, three thousand dollars;	Insurance 64 T		64 T	
For painting materials, five hundred dollars;	Painting Materials 64 U		64 U	
For transportation of prisoners and guards to and from farm and camps, one thousand five hundred dollars;	Transportation, Farm and Camps, etc. 64 V			64 V
For maintenance of library, one hundred dollars;	Maintenance Library 64 W	64 W		
For X-ray machine in hospital, five hundred dollars;	X-Ray Machine, Hos- pital 64 X		64 X	
For hardware, paints and oils at the prison farm, three hundred dollars;	Hardware, Paints, Oils, at Farm 64 Y		64 Y	
For water-supply for toilet, bathing facilities and fire protection at the prison farm, five thousand dollars;	Water Supply, Farm 64 Z		64 Z	
For dining-room and bake oven at the prison farm, two thousand five hundred dollars;	Dining Room, Bake Oven, Farm 64 AA			64 AA
For assessment levied upon the prison property by the city of Trenton, February twenty-seventh, one thousand nine hundred and fourteen, for the paving of Second street, between Federal and Cass streets, two thousand seven hundred eighty-one dollars;	Street Assessment, City of Trenton 64 BB			64 BB
For payment of claim of Eckerson Company, for butterine furnished prison farm between November thirteenth, one thousand nine hundred and fourteen, and April twenty-first one thousand nine hundred and fifteen, one hundred and twenty dollars.	Eckerson & Com- pany, Claim 64 CC			64 CC

65.

## NEW JERSEY REFORMATORY.

		To be Budgeted.	Available Under Ch. 68, P. 1, 1916.	Not Available Under Ch. 68, P. 1, 1916.
For traveling and other official expenses of commissioners, five hundred dollars;	Expenses of Commissioners	65 A		65 A
For the superintendent, for salary, four thousand dollars;	Superintendent's Salary	65 B		65 B
For the subordinate officers and employees, for salaries, sixty-six thousand dollars;	Salaries, Subordinate Officers, Employees	65 C		65 C
For maintenance, sixty thousand dollars;	Maintenance	65 D	65 D	
For furniture, appliances and repairs (including industrial departments), eighteen thousand dollars;	Furniture, Appliances, Repairs	65 E	65 E	
For the superintendent, for payments to discharged inmates and recapturing escapes, five thousand dollars;	Discharged Inmates, etc.	65 F		65 F
For traveling expenses of parole officers, one thousand eight hundred dollars;	Expenses, Parole Officers	65 G		65 G
For fuel and water, fifteen thousand dollars;	Fuel and Water	65 H	65 H	
For farm live stock, implements, et cetera, one thousand dollars;	Farm Live Stock, Implements, etc.	65 I	65 I	
To the superintendent, an additional allowance for salary in lieu of the State providing a house of residence as contemplated by statute, six hundred and sixty dollars;	Superintendent, Additional Allowance for Salary	65 J		65 J
For traveling expenses for superintendent when on official business, two hundred dollars;	Expenses, Superintendent	65 K		65 K
For working capital for State use system of prison labor, fifteen thousand dollars;	Working Capital, State Use	65 L		65 L
For payments to inmates for wages for carrying out the provisions of chapter two hundred sixty-nine, laws of one thousand nine hundred and fourteen, two thousand dollars;	Inmates' Wages	65 M		65 M
For purchase of machinery, three thousand five hundred dollars.	Purchase Machinery	65 N	65 N	

66.

## STATE HOME FOR BOYS.

For the trustees of the New Jersey State Home for Boys, for maintenance, one hundred and twenty thousand dollars;	Maintenance	66 A	66 A	
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		To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
For the trustees of said home, for expenses incurred by them in the discharge of their duties, three hundred dollars;	Trustees Expenses	66 B		66 B
For repairs to grounds and buildings, including plumbing, five thousand dollars;	Repairs, Including Plumbing	66 C	66 C	
For library books and periodicals, two hundred dollars;	Books and Periodicals	66 D		66 D
For kitchen and bakery equipment, two thousand dollars;	Kitchen and Bakery Equipment	66 E		66 E
For new press and other equipment for printing office, one thousand dollars;	New Press, Printing Equipment	66 F		66 F
For ventilating dormitory and chapel, one thousand nine hundred and fifteen dollars;	Ventilating Dormitory and Chapel	66 G		66 G
For two new boilers, ten thousand dollars.	Two New Boilers	66 H		66 H

67.

STATE HOME FOR GIRLS.

For the trustees of the New Jersey State Home for Girls, for maintenance, not exceeding two hundred and fifty dollars per capita, exclusive of salaries, sixty thousand dollars;	Maintenance	67 A		67 A
For salaries of employees, twenty thousand dollars;	Salaries Employees	67 B		67 B
For the trustees of said home, for expenses incurred in the discharge of their duties, five hundred dollars;	Trustees' Expenses	67 C		67 C
For salaries and expenses of three parole officers, three thousand sixty dollars;	Salaries, Expenses, Parole Officers	67 D		67 D
For a hospital fund, five hundred dollars;	Hospital Fund	67 E	67 E	
For repairs to buildings and grounds, four thousand dollars,	Repairs	67 F	67 F	
For fire insurance premiums, five hundred sixty-one dollars and fifty-eight cents.	Insurance	67 G		67 G

68.

VILLAGE FOR EPILEPTICS.

For maintenance, including expenses of managers, salaries of officers and employees, and repairs, one hundred sixty thousand six hundred dollars;	Maintenance	68 A	68 A	
For furniture and equipment, eleven thousand dollars.	Furniture and Equipment	68 B		68 B



69.

## SANATORIUM FOR TUBERCULOUS DISEASES.

For maintenance, one hundred and thirty-two thousand dollars;	Maintenance	69 A	69 A	
For a building to be used as garage and paint shop, three thousand dollars;	Garage and Paint Shop	69 B		69 B
For an additional boiler at the power-house, three thousand six hundred dollars;	Additional Boiler, Power House	69 C		69 C
For the purchase and planting of trees and shrubbery, seven hundred dollars;	Trees and Shrubby	69 D		69 D

70.

## BLIND AND FEEBLE-MINDED.

For clothing, maintenance, support and instruction of the blind persons, inhabitants of this State, twenty-four thousand dollars;	Clothing, Maintenance, etc., of Blind	70 A		70 A
For clothing, maintenance, support and instruction of the feeble-minded persons, inhabitants of this State, one hundred thousand dollars;	Clothing, Maintenance, etc., of Feeble-Minded	70 B		70 B
For housing, care and maintenance of feeble-minded children, including feeble-minded blind and other special cases, two thousand dollars, at a per capita not to exceed four hundred dollars per annum;	Housing, Care, Maintenance of Feeble-Minded Children, etc.	70 C		70 C
For the care of feeble-minded cases in colonies maintained for that purpose at a rate not to exceed two hundred and thirty dollars per annum, ten thousand dollars;	Care Feeble - Minded in Colonies	70 D		70 D
For tuition for the higher education of the blind as provided for in chapter three hundred and thirty-six, laws of one thousand nine hundred and twelve, one thousand dollars.	Tuition	70 E		70 E

71.

## STATE INSTITUTION FOR FEEBLE-MINDED.

For maintenance, support and instruction of feeble-minded women, not exceeding two hundred and thirty dollars per capita, one hundred and sixty-five thousand dollars;	Maintenance	71 A	71 A	
For research work, two thousand five hundred dollars;	Research Work	71 B	71 B	

To be  
Budgeted.Available  
Under Ch. 68,  
P. L. 1916.Not Available  
Under Ch. 68,  
P. L. 1916.

			To be Budgeted.	Available Available P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
Fire insurance premiums, three thousand dollars;	Insurance	71 C		71 C	
General repairs and improvements, five thousand five hundred dollars;	Repairs and Improvements	71 D	71 D		
For standardized locking system for entire plant, two thousand five hundred dollars;	Locking System	71 E		71 E	
For laundry building and equipment, twenty thousand dollars;	Laundry and Equipment	71 F	71 F		
For remodeling laundry for school building, seven thousand five hundred dollars.	Remodeling Laundry for School Building	71 G			71 G
72.					
STATE REFORMATORY FOR WOMEN.					
For salaries of officers and employees, seven thousand five hundred dollars;	Salaries	72 A			72 A
For maintenance, not exceeding two hundred and fifty dollars per capita, twenty-two thousand dollars;	Maintenance	72 B	72 B		
For the board of managers, for expenses incurred by them in the discharge of their duties, six hundred dollars;	Managers' Expenses	72 C			72 C
For roads, gutters and grading, one thousand five hundred dollars;	Roads, Gutters and Grading	72 D			72 D
For electric current, including rental of lines, one thousand five hundred dollars;	Electric Current, etc.	72 E		72 E	
For repairs, including fire insurance, three thousand dollars;	Repairs, Insurance	72 F	72 F		
For maintenance of farm, farm labor, and upkeep of buildings, eight thousand dollars;	Maintenance Farm, etc.	72 G	72 G		
For medical treatment and care, dentist, oculist, hospital treatment, recapture of runaways, and other unforeseen contingencies, two thousand dollars;	Medical Treatment, etc., and Unforeseen Contingencies	72 H	72 H		
For fruit trees, berry bushes and fruit vines, five hundred dollars;	Fruit Trees, Vines, etc.	72 I		72 I	
For disciplinary cottage, four thousand dollars;	Disciplinary Cottage	72 J			72 J
For root cellar, one thousand dollars.	Root Cellar	72 K			72 K
For equipment of disciplinary cottage, seven hundred and fifty dollars;	Equipment, Disciplinary Cottage	72 L		72 L	
For cottage for help, three thousand dollars.	Cottage for Help	72 M			72 M

73.

STATE BOARD OF CHILDREN'S GUARD-  
IANS.

To the State Board of Children's Guardians, for expenses, twenty-three thousand dollars;

For the purpose of carrying out the provisions of chapter two hundred and eighty-one, laws of one thousand nine hundred and thirteen, twenty thousand dollars.

Expenses

73 A

73 A

Chap. 281, Laws, 1913,  
Widows' Pension  
Act

73 B

73 B

To be  
Budgeted.Available  
Under Ch. 68,  
P. L. 1916.Not Available  
Under Ch. 68,  
P. L. 1916.

74.

COMMISSION FOR AMELIORATING THE  
CONDITION OF THE BLIND.

For the purpose of carrying out the provisions of chapter one hundred and thirty-six, laws of one thousand nine hundred and nine, eleven thousand five hundred dollars;

For preventive work, seven hundred and fifty dollars;

For extension of home industries and further employment of the blind, one thousand dollars;

For revolving industrial fund, one thousand five hundred dollars;

For publicity, demonstrations and sales, two hundred and fifty dollars.

Aiding Blind

74 A

74 A

Preventive Work

74 B

74 B

Extension Home In-  
dustries, etc.

74 C

74 C

Revolving Industrial  
Fund

74 D

74 D

Publicity, Demonstra-  
tion and Sales

74 E

74 E

75.

BOARD OF EXAMINERS OF FEEBLE-  
MINDED, EPILEPTICS, CRIMINALS  
AND OTHER DEFECTIVES.

For expenses incurred in carrying into effect the provisions of chapter one hundred and ninety, laws of one thousand nine hundred and eleven, one hundred dollars.

Expenses

75 A

75 A

76.

NEW JERSEY HOME FOR DISABLED SOL-  
DIERS, SAILORS, MARINES AND THEIR  
WIVES AND FOR, THEIR WIDOWS, AT  
VINELAND.

For salary of commandant, one thousand five hundred dollars;

For salary of adjutant, one thousand dollars;

For salaries of assistants, twenty-one thousand dollars;

Salary of Command-  
ant

76 A

76 A

Salary of Adjutant

76 B

76 B

Salaries of Assistants

76 C

76 C

			To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
For maintenance, eighty-five thousand dollars;	Maintenance	76 D	76 D		
For fire insurance premiums, one thousand two hundred dollars;	Insurance	76 E		76 E	
For traveling expenses of the board of managers, three hundred dollars.	Manager's Expenses	76 F			76 F

## 77.

## HOME FOR DISABLED SOLDIERS AT KEARNY.

For the support of the New Jersey Home for Disabled Soldiers at Kearny, and for the chaplain thereof, seventy-one thousand dollars.	Support	77 A	77 A		
For painting buildings of the home, three thousand dollars;	Painting	77 B		77 B	
For erecting a storehouse and warerooms for quartermaster, commissary and other stores, four thousand five hundred dollars.	Storehouse and Warerooms	77 C			77 C

## 78.

## SOLDIERS' STATE PAY.

For claims of volunteers in the Civil War, for State pay, pursuant to chapter thirteen of the laws of one thousand eight hundred and sixty-one fifty dollars.	Claims Volunteers Civil War, etc.	78 A			78 A
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## 79.

## DEPARTMENT OF AGRICULTURE.

For the State Board of Agriculture, twelve thousand dollars; <i>provided</i> , that if a bill now pending entitled "An act to establish a Department of Agriculture and to prescribe its powers and duties," shall become a law, this appropriation shall be deemed to have been made for the effectuation of the provisions of said act;	Purposes Chapter 268, Laws 1916	79 A	79 A		
For the State Board of Agriculture, for the purpose of carrying out the provisions of an act to prevent the introduction into and spread of injurious insects in New Jersey, to provide a method for compelling their destruction, to create the office of State Entomologist, to authorize the inspection of nurseries and to provide certificates of inspection, and the amendments thereof and supplements thereto, seven thousand dollars; <i>provided</i> , that if a bill now pending entitled "An act to establish a Depart-					

To be  
Budgeted.Available  
Under Ch. 68,  
P. L. 1916.No. Available  
Under Ch. 68,  
P. L. 1916.

ment of Agriculture and to prescribe its powers and duties," shall become a law, this appropriation shall be deemed to have been made for the effectuation of the provisions of said act;

For the purpose of carrying out the provisions of chapter fifty-four, laws of one thousand nine hundred and eleven, and the amendments thereof and supplements thereto, six thousand dollars; *provided*, that if a bill now pending entitled "An act to establish a Department of Agriculture and to prescribe its powers and duties," shall become a law, this appropriation shall be deemed to have been made for the effectuation of the provisions of said act;

For the purpose of carrying out the provisions of chapter sixty, laws of one thousand nine hundred and eleven, and the amendments thereof and supplements thereto, two thousand dollars; *provided*, that if a bill now pending entitled "An act to establish a Department of Agriculture and to prescribe its powers and duties," shall become a law, then this appropriation shall be deemed to have been made for the effectuation of the provisions of said act;

For the State Board of Agriculture as constituted in accordance with the provisions of a bill now pending entitled "An act to establish a Department of Agriculture and to prescribe its powers and duties," ten thousand dollars; *provided*, said bill becomes a law;

For expenses and payments by the State Tuberculosis Commission, fifty thousand dollars, *provided*, that if a bill now pending entitled "An act to establish a Department of Agriculture and to prescribe its powers and duties," shall become a law, then this appropriation shall be deemed to have been made for the effectuation of the provisions of said act;

For the purpose of carrying out the provisions of chapter fifty-six and chapter two hundred and twelve, laws of one thousand nine hundred and eight, and the amendments thereof and supplements thereto, nine thousand dollars; *provided*, a bill now pending entitled "An act to establish a Department of Agriculture and to prescribe its powers and duties," shall become a law, then this appropriation shall be deemed to have been made for the effectuation of the provisions of said act.



## 80.

## BOARD OF FISH AND GAME COMMISSIONERS.

Chap. 41, Laws 1908	80 A	80 A
Chap. 247, Laws 1911 (Fines)	80 B	80 B
State Game Protection Fund	80 C	80 C
Hunters' and Anglers' Licenses	80 D	80 D

To be  
Budgeted.Available  
Under Ch. 68,  
P. L. 1916.Not Available  
Under Ch. 68,  
P. L. 1916.

## 81.

## STATE AGRICULTURAL COLLEGE.

To the treasurer of Rutgers College, to pay the State Agricultural College for the benefit of agriculture and the mechanical arts, pursuant to chapter ninety of the laws of one thousand nine hundred and five, and amendments thereto, thirty-five thousand dollars, payment to be made pursuant to chapter sixty-five, laws of one thousand nine hundred and nine;

Expenses 81 A 81 A

For salaries, supplies and all other expenses for the maintenance of short courses in practical and scientific agriculture, pursuant to chapter fifty-five of the laws of one thousand nine hundred and five, and chapter forty-three of the laws of one thousand nine hundred and seven, twenty thousand dollars;

Short Courses in Agriculture 81 B 81 B

For reference books and periodicals, two thousand five hundred dollars;

Reference Books, etc. 81 C 81 C

For maintenance and development of college farm grounds, two thousand five hundred dollars;

College Farm Grounds 81 D 81 D

For maintenance, long courses in agriculture, nine thousand dollars;

Long Courses in Agriculture 81 E 81 E

For summer session, twelve thousand dollars;

Summer Session 81 F 81 F

For maintenance and repair of farm buildings, one thousand dollars;

Maintenance, Repair Farm Buildings 81 G 81 G

For clay working and ceramics, seven thousand five hundred dollars;

Clay Working and Ceramics 81 H 81 H

For maintenance of agricultural building, one thousand five hundred dollars;

Maintenance Agricultural Building 81 I 81 I

For maintenance of courses in engineering, four thousand dollars;

Engineering Courses 81 J 81 J

For maintenance of courses in chemistry, two thousand dollars;

Chemistry Courses 81 K 81 K

For maintenance of courses in sanitary science and sanitary engineering, three thousand dollars;

Sanitary Science and Engineering 81 L 81 L



			To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
For maintenance of course in military science, two thousand five hundred dollars;	Military Science	81 M	81 M		
To the treasurer of Rutgers College, for interest on one hundred and sixteen thousand dollars, certificates of indebtedness of the State of New Jersey, due January first and July first, one thousand nine hundred and seventeen, pursuant to the provisions of chapter one hundred and thirty-five of the laws of one thousand eight hundred and ninety-six, five thousand eight hundred dollars;	Interest, Agricultural College Fund	81 N			81 N.
For the Board of Visitors to the Agricultural College of New Jersey, for personal expenses incurred pursuant to chapter three hundred and sixty-five of the laws of one thousand eight hundred and seventy-three, fifty dollars;	Board of Visitors' Expenses	81 O			81 O
For advertising pursuant to chapter nine of the laws of one thousand eight hundred and seventy-nine, ninety dollars.	Advertising	81 P		81 P	

## 82.

## AGRICULTURAL EXPERIMENT STATION.

For salaries and expenses of the Agricultural Experiment Station, twenty-five thousand dollars;	Salaries and Expenses	82 A	82 A		
For printing bulletins, including circulars, of the Agricultural Experiment Station, seven thousand dollars;	Printing Bulletins	82 B		82 B	
For the purpose of carrying out the provisions of "An act to provide for locating and abolishing mosquito-breeding salt-marsh areas within the State, for assistance in dealing with certain inland breeding places, and appropriating money to carry its provisions into effect," approved April twentieth, one thousand nine hundred and six, ten thousand dollars;	Mosquito Act	82 C	82 C		
For scientific investigation of oyster propagation, pursuant to chapter one hundred and eighty-seven, laws of one thousand nine hundred and seven, nine hundred dollars;	Investigation Oyster Propagation	82 D	82 D		
For the maintenance and operation of the department of poultry husbandry, pursuant to chapter fifty-two, laws of one thousand nine hundred and eleven, seven thousand dollars;	Department Poultry Husbandry	82 E	82 E		

			To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
For the purpose of carrying into effect the provisions of chapter two hundred and twenty-eight of the laws of one thousand nine hundred and sixteen, two thousand five hundred dollars;	Seeds, Chap. 228, Laws 1916	82 F	82 F		
For the purpose of maintaining and carrying on experimental work in floriculture, pursuant to chapter one hundred and thirty, laws of one thousand nine hundred and eleven, three thousand dollars;	Floriculture Account	82 G	82 G		
For expenses incurred in carrying out the provisions of chapter eighty-nine, laws of one thousand nine hundred and twelve, one thousand dollars;	Insecticide Act	82 H	82 H		
For building fences and equipment in the department of poultry husbandry, five thousand dollars;	Building Fences, Equipment, Department Poultry Husbandry	82 I	82 I		
For the purpose of carrying into effect the provisions of chapter three hundred and sixty-four, laws of one thousand nine hundred and thirteen, and for other agricultural extension work, including the printing of circulars, twenty-five thousand dollars;	Farm Demonstration	82 J	82 J		
For cranberry investigation, one thousand five hundred dollars;	Cranberry Investigation	82 K	82 K		
For maintenance of the branch experiment station in South Jersey, three thousand five hundred dollars;	Maintenance Branch Station	82 L	82 L		
For the purchase of specimen types of meat animals including cattle, sheep, swine and goats, two thousand dollars;	Specimen Types Meat Animals	82 M		82 M	
For the purpose of carrying into effect the provisions of chapter sixteen, laws of one thousand nine hundred and sixteen, three thousand dollars;	Egg - Laying and Breeding Tests	82 N	82 N		
All fees and receipts of the Experiment Station received under the provisions of chapters two hundred and eighteen and one hundred and seventy-nine, laws of one thousand nine hundred and twelve, are hereby appropriated for the uses and purposes expressed by said chapters.	Chap. 218, Laws 1912, Concentrated Commercial Feeding Stuffs	82 O	82 O		
	Chap. 179, Laws 1912, Fertilizer Inspection Fees	82 P	82 P		

84.

COMMISSION FOR REVISION OF LAWS  
CONCERNING THE INSANE.

For Raymond L. Mahony, secretary to the State Commission for the Revision of Laws Concerning the Insane, services as secretary and for assistants to commission, disbursements for stenographic and clerical assistance, traveling expenses and supplies, five hundred dollars.

Raymond L. Mahony,  
Claim 84 A

84 A

To be  
Budgeted.Available  
Under Ch. 68,  
P. L. 1916.Not Available  
Under Ch. 68,  
P. L. 1916.

85.

## PRESERVATION OF RECORDS.

For the purpose of publishing and completing the early records of this State, known as "New Jersey Archives," three thousand dollars.

Publishing and Com-  
pleting Records 85 A

85 A

86.

## STATE HORTICULTURAL SOCIETY.

To the treasurer of the New Jersey State Horticultural Society, pursuant to chapter one hundred and forty-one, laws of one thousand nine hundred and eleven, two thousand two hundred and fifty dollars.

To Treasurer for Ex-  
penses 86 A

86 A

87.

## STATE SCHOOL TAX.

For the purpose of reducing the State school tax to be assessed for the year one thousand nine hundred and seventeen, one hundred thousand dollars.

Reducing State School  
Tax 87 A

87 A

88.

## EMERGENCY.

For the Governor, to enable him to meet any emergency requiring the expenditure of money not otherwise appropriated, and to cover any incidental expenses of commissioners appointed by him under statute or in his discretion, the sum of ten thousand dollars.

Emergency 88 A 88 A

89.

REFUNDING TAXES ON MISCELLANEOUS  
CORPORATIONS.

For taxes improperly levied upon or paid by corporations, to be refunded, pursuant to law, one thousand dollars.

Refunding Corpora-  
tion Taxes 89 A

89 A

## 90.

## REFUND OF RAILROAD TAX.

The Comptroller of the Treasury is hereby authorized and empowered to adjust and repay any overpayment of tax assessed and penalty thereon for any year, pursuant to chapter two hundred and eighty-eight, laws of one thousand eight hundred and eighty-eight, and the acts amendatory thereof and supplementary thereto, made by any railroad and canal company, and the State Treasurer is directed to pay warrants therefor issued by the Comptroller, said payments shall be deducted from the amount originally paid into and remaining undistributed in the treasury of the State, and the amount of money necessary for such purpose as ascertained is hereby appropriated.

Refunding Taxes 90 A

90 A

To be Budgeted.

Available Under Ch. 68, P. L. 1916.

Not Available Under Ch. 68, P. L. 1916.

## 91.

## LEGISLATURE.

For the compensation of Senators and members of the General Assembly, forty thousand eight hundred and thirty-three dollars and thirty-two cents;

Commissioners' Ex-tors and Members General Assembly 91 A

91 A

For compensation of officers and employees of the Legislature, forty-nine thousand four hundred and fifty dollars;

Compensation Officers and Employees 91 B

91 B

For manuals of the Legislature of New Jersey, two thousand dollars;

Manuals 91 C 91 C

For indexing the journal of the Senate and minutes of the executive sessions and the minutes of the House of Assembly, and other incidental and contingent expenses of the Legislature, ten thousand five hundred dollars;

Indexing; Incidentals 91 D 91 D

For toilet and other necessary supplies for use at the legislative session to be furnished by the State House Commission, eight hundred dollars.

Toilet and Other Necessary Supplies 91 E 91 E

## 92.

## ADVERTISING.

For advertising proclamations issued by the Governor, notices of the Attorney-General in relation to delinquent miscellaneous corporations, and notices of the Comptroller in regard to public printing, et cetera, six hundred dollars.

Advertising 92 A 92 A

93.

## PRINTING.

		To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
For printing and binding public documents, seventy thousand dollars;	Printing, etc., Public Documents	93 A	93 A	.
For compensation of an expert printer for services in preparation of specification for bids, supervision of work, examination of bills, and such other duties as may by law be imposed upon him, nine hundred dollars;	Compensation Expert Printer	93 B		93 B
For preparing index of session laws, one hundred dollars;	Preparing Index Session Laws	93 C	93 C	
For printing and circulation of the laws, six thousand dollars.	Printing, Circulation of Laws	93 D	93 D	

94.

## MONMOUTH BATTLE MONUMENT.

For the commission having in charge the Monmouth battle monument and grounds, pursuant to chapter one hundred and eighteen of the laws of one thousand eight hundred and eighty-six, five hundred dollars.	Expenses	94 A	94 A	
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95.

## TRENTON BATTLE MONUMENT.

For the Trenton Battle Monument Association, for the purpose of keeping said property in good condition and repair, five hundred dollars.	Expenses	95 A	95 A	
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96.

## PENSIONS.

For amount required to pay pensions, pursuant to various acts relative thereto irrespective of any provision therein that pensions shall be made in the appropriation or tax levy for the department of the public service from which the pensioner shall be so retired, fifteen thousand dollars;	Pensions	96 A		96 A
For allowance to Walter B. English, a pensioner of this State, as commutation for two hands lost at Trenton, New Jersey, October twenty-fifth, one thousand eight hundred and ninety-nine, one hundred dollars.	Walter B. English, Allowance	96 B		96 B



To be  
Budgeted.

Available  
Under Ch. 68,  
P. L. 1916.

Not Available  
Under Ch. 68,  
P. L. 1916.

97.

JUDICIAL RETIREMENT FUND.

For the purpose of carrying out the provisions of chapter three hundred and thirteen, laws of one thousand nine hundred and eight, and chapter one hundred and eighty-five, laws of one thousand nine hundred and eleven, ten thousand three hundred and thirty-three dollars and thirty-three cents.

Pensions, Judiciary	97 A	97 A
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98.

ANNUITY FOR WIDOWS OF GOVERNORS.

For the purpose of carrying into effect the provisions of chapter one hundred and forty-six of the laws of one thousand nine hundred and twelve, two thousand four hundred dollars.

Pensions, Governors' Widows	98 A	98 A
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99.

WASHINGTON ASSOCIATION OF NEW JERSEY.

For trustees of the Washington Association of New Jersey, pursuant to chapter three hundred and nine, laws of one thousand eight hundred and seventy-four, twenty-five hundred dollars;

For the Trustees	99 A	99 A
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100.

COMMISSIONERS OF THE PALISADES INTERSTATE PARK.

For expenses incurred by the Commissioners of the Palisades Interstate Park, seventeen thousand five hundred dollars; said expenses to be approved by the Governor;

Expenses	100 A	100 A
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For the purpose of carrying into effect the provisions of chapter one hundred and twenty-four, laws of one thousand nine hundred and ten, seventy-five thousand dollars.

Purpose Chap. 124, Laws 1910	100 B	100 B
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101.

MORRIS CANAL INVESTIGATION COMMITTEE.

For expenses incurred by the committee appointed pursuant to Joint Resolution number ten, passed April twelfth, one thousand nine hundred and twelve, one hundred dollars.

Expenses	101 A	101 A
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102.

HEALTH OFFICERS OF THE PORT OF  
PERTH AMBOY.

For the salary of the health officer of the port of Perth Amboy, pursuant to chapter three hundred and twenty-eight, laws of one thousand nine hundred and six, one thousand dollars;

Salary Health Officer 102 A

102 A

For salary of deputy health officer of the port of Perth Amboy, pursuant to said chapter, two hundred and fifty dollars.

Salary of Deputy 102 B

102 B

103.

## OBSTRUCTIONS TO NAVIGATION.

For expenses incurred in removing any boat, barge or scow stranded or sunk in any of the navigable rivers of this State, fifty dollars.

Expenses 103 A 103 A

104.

BODIES THROWN UPON SHORES OF THE  
STATE BY SHIPWRECK.

For expenses incurred in viewing bodies cast upon shores by shipwreck, fifty dollars.

Expenses 104 A

104 A

105.

## BURIAL GROUNDS.

For the care and maintenance of burial grounds purchased by the State, pursuant to chapter one hundred and seventy-one, laws of one thousand eight hundred and ninety-eight, seventy-five dollars.

Care and Maintenance 105 A

105 A

106.

## STATE CHARITIES AID ASSOCIATION.

For expenses of the association, pursuant to chapter one hundred and twenty, laws of one thousand eight hundred and ninety-two, six hundred dollars.

Expenses 106 A 106 A

107.

COMMISSION ON OLD-AGE INSURANCE  
AND PENSIONS.

For expenses incurred by the commission appointed pursuant to chapter one hundred and ninety-eight, laws of one thousand nine hundred and eleven, three hundred and fifty dollars.

Expenses 107 A 107 A

To be  
Budgeted.Available  
Under Ch. 68,  
P. L. 1916.Not Available  
Under Ch. 68,  
P. L. 1916.

108.

COMMISSION UPON REORGANIZATION  
AND CONSOLIDATION OF INTERRE-  
LATED DEPARTMENTS OF STATE.

For the purpose of carrying into effect the provisions of Joint Resolution number six, approved April first, one thousand nine hundred and twelve, two thousand five hundred dollars.

Expenses 108 A 108 A

To be  
Budgeted.Available  
Under Ch. 68,  
P. L. 1916.Not Available  
Under Ch. 68,  
P. L. 1916.

109.

COMMISSION ON MILITARY TRAINING  
IN HIGH SCHOOLS.

For the purpose of carrying into effect the provisions of a bill pending, entitled "An act to create and provide for a commission to investigate and report upon military training and instruction for national defense in high schools," one thousand dollars; *provided*, said bill becomes a law.

Expenses of Com-  
mission 109 A 109 A

110.

## PRISON LABOR COMMISSION.

For salary of stenographer nine hundred dollars;

Salary of Stenogra-  
pher 110 A

110 A

For printing, postage, expressage and other incidental expenses, six hundred dollars;

Incidentals and  
Printing 110 B

110 B

For expenses of commissioners, one thousand dollars;

Commissioners' Ex-  
penses 110 C

110 C

For salary of investigator, two thousand dollars;

Salary, Investigator 110 D

110 D

For expenses of investigator, five hundred dollars.

Expenses, Investiga-  
tor 110 E

110 E

111.

## COUNTY TUBERCULOSIS HOSPITALS.

For support of patients, at the rate of three dollars per week, pursuant to chapter two hundred and seventeen, laws of one thousand nine hundred and twelve, in the following county hospitals:

Union county, fifteen thousand seven hundred twenty-two dollars and twenty-three cents;

Support, Union Co. 111 A

111 A

Essex county, fourteen thousand five hundred and ninety-seven dollars;

Support, Essex Co. 111 B

111 B

Hudson county, twelve thousand eight hundred and seventy-five dollars;

Support, Hudson Co. 111 C

111 C

			To be Budgeted.	Available Under Ch. 68, P. L. 1916.	Not Available Under Ch. 68, P. L. 1916.
Camden county, four thousand four hundred seventy-three dollars;	Support, Camden Co.	111 D			111 D
Morris county, one thousand six hundred and twenty dollars;	Support, Morris Co.	111 E			111 E
Said amounts to include payment of bills prior to current fiscal year.					
112.					
COMMISSION ON ELIMINATION OF TOLL BRIDGES.					
For expenses of the commission appointed pursuant to chapter two hundred and ninety-seven, laws of one thousand nine hundred and twelve, five hundred dollars;	Expenses	112 A	112 A		
For the purpose of carrying into effect the provisions of chapter two hundred and ninety-seven, laws of one thousand nine hundred and, twelve one hundred thousand dollars.	Purchase Toll Bridges	112 B			112 B
113.					
BUDGET ACT EXPENSES.					
For the purpose of carrying into effect the provisions of chapter fifteen, laws of one thousand nine hundred and sixteen, ten thousand dollars;	Expenses	113 A	113 A		
114.					
WASHINGTON ROCK PARK COMMISSION.					
For insurance, improvement and maintenance of the Washington Rock Park, two thousand dollars;	Maintenance, Im- provements, In- surance	114 A	114 A		
For wood, coal and tool building, five hundred dollars.	Building	114 B			114 B
115.					
VALLEY FORGE REVOLUTIONARY ENCAMPMENT COMMISSION.					
For carrying into effect the provisions of Joint Resolution number three, approved March fifteenth, one thousand nine hundred and sixteen, five hundred dollars.	For Report	115 A		115 A	
116.					
CIVIL SERVICE INVESTIGATING COMMITTEE.					
For the purpose of carrying into effect the provisions of Joint Resolution number six, approved March seventeenth, one thousand nine hundred and sixteen, one thousand dollars.	Expenses	116 A	116 A		

117.

## COMMISSION FOR THE SURVEY OF MUNICIPAL FINANCING.

For the purpose of carrying into effect the provisions of Joint Resolution number seven, approved March eighteenth, one thousand nine hundred and sixteen, two thousand five hundred dollars.

Expenses

117 A

117 A

To be  
Budgeted.Available  
Under Ch. 68,  
P. L. 1916.Not Available  
Under Ch. 68,  
P. L. 1916.

118.

## OLD BARRACKS ASSOCIATION.

For the Old Barracks Association of Trenton, New Jersey, for maintenance, repairs and administration of the old barracks at Trenton, as a historical landmark and repository, one thousand two hundred dollars.

Maintenance  
Barracks

Old

118 A

118 A

119.

## STATE BOARD OF EXAMINERS OF NURSES.

For the State Board of Examiners of Nurses the sum of one thousand and eighty-one dollars, being a refund of balance on hand May thirty-first, one thousand nine hundred and thirteen, paid into the State treasury.

Refund

119 A

119 A

120.

## COMMISSION TO INVESTIGATE TOLL ROADS AND BRIDGES.

For the purpose of carrying into effect the provisions of Joint Resolution number two, approved March fifteenth, one thousand nine hundred and sixteen, one thousand dollars.

Expenses

120 A

120 A

121.

## FIRST SUPPLEMENT TO COMPILED STATUTES.

For five hundred copies of the first supplement to the Compiled Statutes of New Jersey, pursuant to the provisions of chapter fifty-six, laws of one thousand nine hundred and sixteen, seven thousand five hundred dollars.

Supplement to Com-  
piled Statutes

121 A

121 A

123.

RED BANK BATTLE MONUMENT.

To the board of chosen freeholders of the county of Gloucester, for the purpose of aiding in the care and supervision of the Red Bank Battle Monument in said county, and in the maintenance of the ground upon which the same is located with which they are charged by the provisions of chapter seventy-nine, laws of one thousand nine hundred and five, five hundred dollars.

For Aid in Care and  
Maintenance of  
Monument 123 A

123 A

To be  
Budgeted.

Available  
Under Ch. 68,  
P. L. 1916.

Not Available  
Under Ch. 68,  
P. L. 1916.

124.

COMMISSION TO REVISE, SIMPLIFY, AR-  
RANGE AND CONSOLIDATE THE  
PRIMARY AND ELECTION LAWS.

For the purpose of carrying into effect the provisions of Joint Resolution number four, filed March sixteen, one thousand nine hundred and sixteen, five hundred dollars.

Revision Election  
Laws 124 A 124 A

125.

COLONIES FOR FEEBLE-MINDED MALES.

For the purpose of carrying into effect the provisions of chapter sixty-one, laws of one thousand nine hundred and sixteen, fifteen thousand dollars.

Maintenance 125 A 125 A

126.

ELECTORAL COLLEGE AND STATE BOARD  
OF CANVASSERS.

For expenses of State Board of Canvassers in investigating and estimating the vote cast for Governor, Members of Congress, Electors, et cetera, one thousand dollars.

Expenses 126 A 126 A

2. The following sums are hereby appropriated out of the income of the school fund for the purposes specified for the fiscal year ending on the thirty-first day of October, in the year one thousand nine hundred and seventeen.

To be  
Budgeted.

Available  
Under Ch. 68,  
P. L. 1916.

Not Available  
Under Ch. 68,  
P. L. 1916.

1.

FREE PUBLIC SCHOOLS.

Income of School Fund.

For the support of the free public schools, two hundred and fifty thousand dollars.	Support Free Public Schools	1 School	1 School
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2.

PREMIUMS AND ACCRUED INTEREST.

There shall be paid from the income of the school fund such sums required to pay premiums and accrued interest on bonds purchased by the trustees for the support of public schools.	Premiums and Accrued Interest	2 School	2 School
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3.

SCHOOL FUND EXPENSES.

For necessary legal and other expenses incurred by or under the direction of the trustees for the support of public schools in the investment and protection of the school fund, and in the collection of the income thereof, three thousand dollars.	School Fund Expenses	3 School	3 School
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# Comptroller's Financial Plan

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COMPTROLLER OF THE TREASURY, TRENTON, N. J.

TO THE GOVERNOR, STATE TREASURER, AND STATE COMPTROLLER, CONSTITUTING THE STATE HOUSE COMMISSION, OPERATING UNDER CHAPTER 68, P. L. 1916.

GENTLEMEN :

In accordance with the wishes of your Commission and in compliance with the act of the Legislature in providing, by Chapter 68, P. L. 1916, that your Commission act as a Purchasing Commission, I am presenting herewith a method by which the plan of purchase prepared by the State Purchasing Agent, and submitted herewith, may be adjusted to the financial methods and limitations of the State.

Before presenting this plan it is necessary that some explanation be made regarding the difficulties in the way of financing any plan of purchase. It is to be regretted that the Act does not set up the necessary machinery for its own financing, thereby making more difficult of operation any plan of purchase established in accordance with its provisions. These difficulties have been increased by other legislation enacted at the same session of the Legislature. The difficulties in the act itself are that while it sets forth specifically those things which the Purchasing Commission and the State Purchasing Agent cannot do, it does not clearly vest jurisdiction in the Commission over many things that should be done.

In the administration of the state government there are many problems incident to the operation of the act that are not clearly stated as within its provisions. I refer particularly to those things that may be classified under the heading, "Service." Telephone, telegrams, freight, express and mileage are either a "communication" or a "transportation service." They are not exactly a supply. However, as the act definitely describes those things which are outside of its pale, it must be assumed that all other things should be dealt with by the Purchasing Commission unless it seems to the Commission to be better business to continue their administration under the direction of the several divisions of the government.

The Act provides that the State House Commission and the State Purchasing Agent, in the performance of their duties, shall be subject to the provisions of all of the laws of the state applicable to the expenditure of public moneys not inconsistent with the Act. This restricts the Commission and prevents its adoption of a plan of purchase best suited to the unusual conditions existing in business at the present time in this country, due to the war in Europe. The constantly changing prices of commodities of every description and of manufactured

articles makes it exceedingly difficult to obtain proposals whereby a price may be established for a definite period in excess of three months. In some cases prices cannot be obtained for a period extending beyond thirty days.

The Requisition Act of 1914 was essentially a purchasing act. It did not confine the powers of purchasing to a single agency, but it was made so adaptable to the needs of all of the departments and institutions of the state that it was workable. While it kept the disbursements within the appropriation limits, it provided an easy means of incurring obligations legally by the several divisions of the government, at the same time allowing them to retain within their control the right of purchase for their own division of the government.

During the session of the Legislature just closed legislation was enacted to immediately restrict the operation of this act by relieving the Comptroller of any supervision over requisitions except as to whether the amount of the requisition was within the appropriation or allowances for each department, institution, commission, committee, official, board or body of the State by whom the requisition was made; also to prohibit the Comptroller from having regard to the purpose for which the requisition was made, or the cost, price, character or manner of purchase of the articles mentioned in the requisition. In addition, the legislation provided that no requisition should be required for any salary or compensation that had been previously fixed and ascertained by law and which was covered by any annual or supplemental appropriation. The act was passed and is known as Chapter 3, P. L. 1916, but its operation was postponed until November 1st, 1916, by Chapter 283, P. L. 1916.

The act creating the office of Comptroller imposes upon him the discretion of making payment or rejecting any account submitted to him, for good and valid reasons. The basis for the rejection of a claim may be the fact that the purpose of expense is not within the scope of the appropriation, or that the method of purchase is a violation of an existing criminal statute, yet, by Chapter 283, P. L. 1916, the Comptroller will be compelled to countersign a requisition, if there are sufficient funds, when he may know that when the bill is presented he will have to reject it for the reason that it is not a proper charge against the appropriation, or has been illegally incurred.

To establish a proper purchasing system your Commission and the State Purchasing Agent must have both cash and credit. The Legislature appropriated for the operation of the Purchasing Act the sum of Five Thousand Dollars. At the same time it provided that the salary of the Purchasing Agent should be Five Thousand Dollars per annum, the result being that the sum of about Two Thousand Dollars was made available, over and above the salary of the Purchasing Agent, for the creation of a purchasing system, which is an amount insufficient for the payment of salaries for proper assistants. This situation was met by consolidating the Bureau of Audit and Requisition of the Department of the Comptroller of the Treasury with the Purchasing Department by an agreement between the State House Commission and the Comptroller of the Treasury, in accordance with the provisions of Chapter 49, P. L. 1916.

No warehouses can be leased or contracted until appropriation is made therefor by the Legislature.

Your Commission is authorized to use existing state laboratories in determining proper standards, but is required to pay the cost of the work performed by these laboratories.

Furthermore, the act in addition to the section already referred to, which subjects all disbursements to the provisions of all the laws of the state applicable to the expenditure of public moneys not inconsistent therewith, declares that it shall not be construed to alter, amend, or repeal any provisions of any law of the state relating to the purchase or use of the products of the labor of the inmates of any charitable, reformatory or penal institution of the state. It is true that it also provides for the making of agreements for purchases in the form of contracts for the furnishing of specific articles at fixed prices or for the furnishing of articles according to the specifications at a fixed rate, with provision for a minimum amount subject to increase at the same rate, or for the furnishing of articles according to specifications without a stated minimum or maximum, at a rate stated, commonly known as price agreements; but these agreements cannot be made until the futility of advertising has been demonstrated or at least only after action by the State House Commission, (Chapter 170, P. L. 1915. Chapter 68, P. L. 1916, Section 13).

A survey of the situation by the Purchasing Agent and myself made it clear to us that in any plan for purchasing that was submitted to your Commission for adoption it was incumbent to provide:

First, that as many articles, the need of which could be anticipated, must be included in the schedules submitted to your Commission by the Purchasing Agent for adoption;

Second, that it was the duty of the Commission to establish as many standards as it possibly could for the first schedule;

Third, that the purchases in the open market could not be made until after it was demonstrated that contracts could not be entered into, due to the non-receipt of proposals from dealers.

It is my judgment that the procedure heretofore practised of obtaining the permission of the State House Commission, as provided in Chapter 170, P. L. 1915, would be required in order that the Purchasing Agent might buy in the open market, and in that event he could only enter into contracts or agreements for purchases at a fixed price, where the total amount involved exceeds the sum of One Thousand Dollars (\$1,000.00) and it was possible to establish the price to be paid.

Fourth, since, in my judgment, Chapter 283 of the Laws of 1916 makes it impossible to continue the credits given the earning institutions in excess of monthly allowances, that such institutions would be restricted to a system of monthly purchases until the Legislature provided a working capital fund. If the Legislature had appropriated a sufficient sum of money for the Purchasing Agent to make use of for seasonal purchases, or with which he might take advantage of market conditions and by purchasing at low prices at opportune periods store goods in warehouses for the use of the institutions or departments of the state, recouping this fund by apportioning the cost of these articles when these divisions of the government were in funds, the problem would be easy of solution.



However, it is our duty as officials to carry out the intention of legislation as far as possible with the means at hand.

The Purchasing Agent is submitting a report outlining the plan of purchases to be made in accordance with the statute, together with tentative rules and regulations whereby the departments and institutions may be required to cooperate in the working out of the system formulated by him, and at my suggestion he has incorporated therein, as a part of such rules and regulations, the financial features of the plan as outlined by me.

The practice has been for the Legislature to make many appropriations for departments and institutions in such manner that within the one appropriation were comprehended, in the case of departments, the salaries and wages of employees, as well as operating expenses. The latter would include many things, such as supplies, materials, equipment, printing and stationery; also, traveling expenses of the employees, freight, expressage, overdue postage, telegrams, telephone tolls, etc. In the case of institutions, maintenance appropriations have included within them in many cases provision for the salaries and wages of employees, the making of repairs, and the purchase of necessary equipment, supplies, furniture, printing and stationery, etc.

The plan of financing the purchasing system contemplates the establishment of a requisition reserve in which will be credited to the Purchasing Commission and made available for disbursement under its direction:

First, all the appropriations separately made for furniture, equipment, materials, supplies, printing and stationery;

Second, the amount included in consolidated appropriations which will be determined by the divisions of the government to be available for the purposes of the Purchasing Act.

In the first case these amounts are easily determined, as they are made specifically in the Appropriation Act.

In order to arrive at the amount that will be available under the second class for the purchase of those things within the purview of the Purchasing Act which are included in consolidated appropriations involving salaries and wages, traveling expenses, repairs of such a character that they require the preparation of specifications and the execution of contracts with the consent of the Governor, and the purchase of furniture, equipment, materials, supplies, printing and stationery, budget estimate forms have been prepared and forwarded to departments, institutions and divisions of the government having appropriations involving the features referred to. A copy of the form of budget estimate and also of the letter of instructions to the divisions of the government is submitted herewith.

## —FORM OF BUDGET ESTIMATE AND LETTER.—

## STATE OF NEW JERSEY

## STATE HOUSE COMMISSION.

August 26, 1916.

Chapter 68, P. L. 1916, provides for the purchase after November 1, 1916, by this Commission and the State Purchasing Agent of all furniture, equipment, materials, supplies, printing and stationery needed for use by the various subdivisions of the government.

An examination of the appropriations available after November 1st, 1916, shows that appropriations of your division of the government have been so made that this Commission cannot determine the limitation of expenditure possible under the operation of Chapter 68. Enclosed you will find a copy of the appropriations referred to.

In a few days a budget estimate plan will be forwarded to you so that you may indicate thereon the following:

1. The amount needed for the year beginning November 1, 1916, and ending October 31, 1917, for salaries and wages in your division of the government.
2. The amount needed during the same period for traveling expenses.
3. The amount needed for repairs and replacements.
4. The amount available for the purchase of the articles designated in the Purchasing Act.

This statement must be filed by the proper approving officers of your division of the government, and when filed will establish the limitation for the divisions of expenses so budgeted.

This notice is given to you so that you may prepare these budget estimates and indicate them on the form when it is sent to you. In this way, the State House Commission can come into possession of this information, which is absolutely needed for the operation of the act under which the Commission is directed to make purchases of furniture, equipment, materials, supplies and printing and stationery for all the departments and institutions of the State.

Very truly yours,

E. J. EDWARDS,  
Secretary, State House Commission,  
Operating under Chapter 68,  
P. L. 1916.

Original—S. H. C. Copy.  
Duplicate—Comptroller's Copy.  
Triplicate—Copy for division government making budget.

BUDGET ESTIMATE FORM.

Referred to in notice dated August 26th and adopted by State House Commission operating under Chapter 68, P. L. 1916.

State of New Jersey.

.....19.....

State House Commission, Trenton, N. J.:

GENTLEMEN:—In accordance with the rules and regulations of your Commission, operating under Chapter 68, P. L. 1916, the .....  
(Official, Department, Institution, Etc.)  
ha budgeted the appropriation known as Item....., Chapter 289, P. L. 1916, and do hereby set aside the amounts hereinafter indicated for the purposes set forth herein, to wit:

<i>Appropriation.</i>	<i>Item No.</i>	<i>Account No.</i>	<i>Amount.</i>
.....	.....	.....	\$.....
(Title.)			
<i>Receipts—Title.</i>	<i>Account No.</i>	<i>Amount 1915.</i>	<i>Amount.</i>
.....	.....	.....	\$.....
(Estimated.)			

Total—Available for operating or maintenance..... \$.....

In the case of a department or institution credited by statute with receipts in addition to appropriation, the account number will be the same in both lines. In the case of a division of the government entitled to be credited with collections only, "appropriation" line is not to be used. Use "receipts" line only.

- A. Salaries and Wages..... \$.....
- B. Repairs requiring Specifications, Advertisement, Contract and Governor's Approval..... \$.....
- C. Traveling Expenses..... \$.....
- D. Supplies ..... \$.....
- E. .... \$.....
- (Not otherwise provided.)
- Total ..... \$.....

It is hereby agreed that the amounts set forth above shall be the limitation of expense for each subdivision, unless increased or decreased by resolution of your Commission.

(Signed)

.....  
(Official, Department, Institution, Etc.)

.....  
(Title.)

.....  
(Title.)

NOTE.—Requisitions on regular forms should accompany comptroller's copy, covering amounts and purposes of divisions A, B, and C, also E if used.  
In case of official, above must be signed by department head; in the case of a commission or board, the signatures of the president and secretary will be sufficient.



.....19.....

*To the Comptroller of the Treasury:*

SIR:—You are hereby advised that the appropriation known as Item No....., Chapter 289, P. L. 1916, has been budgeted as indicated above, and you are authorized to set up and establish the amounts indicated as the limitation of expense for the purposes indicated, unless changed by resolution of the State House Commission.

(Signed)

.....  
(Title.)

.....  
(Title.)

Approved ..... 191.... State House Commission. Chapter 68, P. L. 1916.  
(Date.)

.....  
*Secretary.*

.....  
*President.*

It is absolutely essential that these budget estimates be established, otherwise it will be impossible for the Purchasing Commission or the State Purchasing Agent to prepare schedules based upon detailed applications from those departments and institutions with any knowledge of the total amount available for the payment of the same.

The budget estimates of the sub-divisions for salaries and wages, for repairs and for traveling expenses should be definitely ascertained and limited to the requisition covering the same, unless changed with the consent of your Commission.

It is manifest that if these departments or institutions have separate appropriations for furniture, or for equipment, or for material outside of the maintenance appropriation they will be available for the use of the Purchasing Agent and the benefit of the departments and institutions. The same is true if there are separate appropriations for printing and stationery.

On the filing of the Budget Estimates, the amount remaining in the maintenance or operating appropriation after the salaries and wages, repairs and traveling expenses have been budgeted, will be available for supplies. The Requisition Reserve for disbursements for purchases made under the direction of your Commission can then be established by including therein both specific appropriations and the amounts indicated as available in the budget estimates.

An analysis of the appropriation act for the year beginning November 1, 1916, shows that the following departments and institutions have come within the category referred to, and their appropriations will have to be immediately budgeted out.

## The following appropriaions are to be budgeted.

### EXECUTIVE DEPARTMENT.

For postage, expressage and other incidental expenses for the executive department, two thousand dollars.	Incidentals	1 E
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### OFFICE OF THE COMPTROLLER.

For compensation for clerical services and expenses, eight thousand six hundred dollars;	Clerical Services and Expenses	2 C
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For salaries and expenses incident to the carrying out of the provisions of chapter three hundred and nineteen, laws of one thousand nine hundred and thirteen, thirteen thousand five hundred dollars;	Bureau of Audit, Salaries and Expenses	2 F
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For the purpose of carrying out the provisions of chapter one hundred and fifty-eight, laws of one thousand nine hundred and fourteen, two thousand five hundred dollars.	Requisition Act	2 G
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### OFFICES OF THE STATE COMPTROLLER AND STATE TREASURER.

For the purpose of carrying out the provisions of chapter two hundred and eighty-eight of the laws of one thousand nine hundred and seven, five thousand dollars.	Purposes Chap. 288, Laws 1907	4 A
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### SECRETARY OF STATE, DEPARTMENT OF MOTOR VEHICLE REGULATION AND REGISTRATION.

For expenses and equipment of inspectors, twenty-one thousand dollars.	Inspectors' Equipment and Expenses	6 D
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### ATTORNEY-GENERAL'S DEPARTMENT.

For compensation and expenses of assistants employed by the Attorney-General, seventeen thousand five hundred dollars.	Compensation and Expenses of Assistants	7 D
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### DEPARTMENT OF BANKING AND INSURANCE.

For actual and necessary traveling and incidental personal expenses of building and loan association examiners, four thousand dollars.	B. & L. Examiners' Expenses	8 G
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### STATE BOARD OF TAXES AND ASSESSMENT.

For salaries and expenses of the State Board of Taxes and Assessment, pursuant to chapter two hundred and forty-four, laws of one thousand nine hundred and fifteen, sixty-three thousand dollars.	Salaries and Expenses	9 A
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DEPARTMENT OF HEALTH.

For salaries and expenses of the Department of Health, one hundred and forty thousand dollars.	Salaries and Expenses,	10 A
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PUBLIC ROADS.

For carrying into effect the provisions of chapter two hundred and twenty-three, laws of one thousand nine hundred and twelve, and any supplements thereto and amendments thereof, seventy-five thousand dollars;	Convict Labor Act	12 B
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For expenses of the department, including equipment, pay and expenses of surveying corps, twenty-six thousand five hundred dollars.	Department Expenses	12 C
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STATE LIBRARY.

For the purpose of carrying into effect the provisions of chapter twenty-nine, laws of one thousand nine hundred and fourteen, one thousand dollars.	Legislative Reference Bureau	13 E
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PUBLIC LIBRARY COMMISSION.

For the purpose of carrying into effect the provisions of chapter sixty-two, laws of one thousand nine hundred; for clerical assistants, necessary traveling expenses and other expenses incurred by the commission, including the cost of conducting a summer school in library training or library institutes, and for carrying into effect the provisions of chapter one hundred and seventy-five, laws of one thousand eight hundred and ninety-eight, and its supplements, providing for the establishing and maintenance of a system of traveling libraries; and for the purpose of carrying into effect the provisions of chapter one hundred and fifteen, laws of one thousand nine hundred and six, sixteen thousand dollars.	Clerical Assistants, Incidentals, etc.	14 A
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DEPARTMENT OF LABOR.

For salaries and expenses of the Department of Labor, one hundred and ten thousand dollars.	Salaries and Expenses	15 A
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STATE HOUSE COMMISSION.

For the State House Commission, for the care and safekeeping of the State Capitol, the property therein and adjacent public grounds, insurance upon State Capitol and contents, and for expenses to be incurred in carrying out the provisions of chapter three hundred and thirty-nine of the laws of one thousand eight hundred and ninety-four, eighty thousand dollars;	For care of Capitol, Insurance, etc.	16 A
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For the State House Commission, for the purpose of excavating, filling, grading, placing top soils; for laying out and constructing walks, paths and roads; for planting grass, trees, shrubs and so forth; for laying out and constructing drains, gutters, and for any other improvement necessary or proper upon the lands in the rear of the State House, lying between the Delaware river and the water-power raceway, according to the adopted plan for the improvement thereof, or any modification thereof properly adopted; and also for the acquisition by gift, purchase or condemnation, of such additional land as may be necessary or proper, lying between the Delaware river and the water-power raceway, and between the westerly line of the State House grounds extended and the Assunpink creek, ten thousand dollars;

Purchase and Improving of lands, etc., between Delaware River and Water Power Raceway 16 B

For the purpose of carrying into effect the provisions of chapter sixty-eight, laws of one thousand nine hundred and sixteen, ten thousand dollars.

Purposes Chap. 68, Laws 1916 16 D

DEPARTMENT OF CONSERVATION AND DEVELOPMENT.

For salaries and expenses of the Department of Conservation and Development, pursuant to chapter two hundred and forty-one, laws of one thousand nine hundred and fifteen, exclusive of any part of the bills incurred by townships in controlling forest fires, sixty-two thousand seven hundred dollars.

Salaries and Expenses 17 A

SUPREME COURT.

For the payment of expenses incurred by the order of the Supreme Court pursuant to chapter one hundred and forty-nine of the laws of one thousand nine hundred, three thousand five hundred dollars;

Extraordinary Expenses, Chap. 149, Laws 1900 18 D

COURT OF CHANCERY.

For miscellaneous expenses in connection with such rooms, one hundred and fifty dollars.

Expenses Chancery Court Rooms 20 G

COURT OF PARDONS.

For compensation of subordinate officers and incidental expenses, one thousand two hundred and fifty dollars.

Compensation Officers, Incidentals 23 B

NATIONAL GUARD.

For compensation of officers and employees, and expenses incurred in connection with rifle practice, nine thousand dollars;	Rifle Practice	27 G
For pay of officers and enlisted men, and expenses in connection with the annual encampment, seventy thousand dollars;	Annual Encampment	27 H
For compensation of the superintendent and employees, and for forage, fuel and maintenance of the State camp grounds, nine thousand dollars;	State Camp Grounds	27 I
For fuel, light and maintenance of the State arsenal, one thousand five hundred dollars;	State Arsenal	27 J
For expenses of military boards and courts-martial, one thousand two hundred dollars;	Military Boards and Courts-Martial	27 K
For maintaining, heating and lighting regimental armories at Jersey City, Camden, Newark, Paterson and Trenton, at four thousand four hundred dollars each, twenty-two thousand dollars;	Expenses of Regimental Armories	27 M
For maintaining, heating and lighting battery troop and battalion armories at Newark, East Orange, Camden, Elizabeth, Red Bank and Orange, twenty-two thousand dollars;	Expenses of Battery, Troop and Battalion Armories	27 N
For maintaining, heating and lighting company armories at Somerville, Hackensack, Bridgeton, Asbury Park, New Brunswick and Englewood, one thousand five hundred dollars each, nine thousand dollars;	Expenses of Company Armories	27 O
For horse allowance to officers required to be mounted for duty at annual encampment, two thousand five hundred dollars;	Horse Allowance for Officers	27 Q
For allowances for uniforms and equipment for officers of regiments, troops, batteries, companies, signal corps, and the naval reserve, as provided in section one hundred and twenty-seven of "An act concerning the militia of the State," approved May sixteenth, one thousand nine hundred and six, six thousand five hundred dollars;	Allowance for Uniforms	27 S
For horse allowance to mounted organizations providing horses for State service, at fifty dollars per horse per annum, four thousand nine hundred dollars;	Horse Allowance, Mounted Organizations	27 T
For support and maintenance of headquarters, organizations and detachments of medical corps, two thousand dollars;	Medical Corps Headquarters, Organizations and Detachments	27 U



For extraordinary repairs, alterations, additions and furnishings for the preservation, equipment and completion of regimental, battery, troop, battalion and company armories, ten thousand dollars;

Extraordinary Repairs, Alterations, Additions and Furnishings Regimental Troop, Battalion and Company Armories 27 Y

For painting, repairing and general improvement of buildings at State camp grounds, Sea Girt, five thousand dollars.

Painting, Repairing and General Improvement Buildings State Camp Grounds 27 CC

#### NAVAL RESERVE.

For pay of shipkeeper, maintenance and expenses, six thousand five hundred dollars;

Pay of Shipkeeper, Expenses, etc. 28 C

For pay and expenses of officers and men on annual cruise and practice cruises, four thousand eight hundred dollars;

Expenses of Annual Cruise 28 D

For pay of shipkeeper, maintenance and expenses, six thousand five hundred dollars;

Pay of Shipkeeper, Expenses, etc. 28 G

For pay and expenses of officers and men on annual cruise and practice cruises, four thousand eight hundred dollars.

Expenses of Annual Cruise 28 H

#### SEA GIRT COTTAGE.

For maintenance of cottage at Sea Girt and entertainment therein, three thousand five hundred dollars.

Maintenance, etc. 29 A

#### ADJUTANT-GENERAL'S DEPARTMENT.

For postage, expressage and other incidental expenses for the Adjutant-General's office, one thousand dollars;

Incidentals, etc. 30 D

For clerical services and expenses incident to the compilation of the roster of officers and enlisted men of New Jersey in the Revolutionary and other wars, at Trenton, New Jersey, and elsewhere, two thousand dollars.

Roster of Revolutionary and Other Wars 30 G

#### QUARTERMASTER-GENERAL'S DEPARTMENT.

For postage, expressage and other incidental expenses for the Quartermaster-General's department, five hundred and fifty dollars.

Incidentals 31 G

#### TRANSFER INHERITANCE TAX.

For surrogates' fees, appraisers' compensation and expenses, legal and other disbursements, and for the purpose of carrying out the provisions of the inheritance tax laws, sixty thousand dollars.

Transfer Inheritance Tax 32 A



## DEPARTMENT OF CHARITIES AND CORRECTIONS.

For research work, one thousand six hundred dollars. Research Work 34 H

## CIVIL SERVICE COMMISSION.

For salaries and expenses of the Civil Service Commission, fifty thousand dollars. Salaries and Expenses 37 A

## BOARD OF PUBLIC UTILITY COMMISSIONERS.

For salaries and expenses of the Board of Public Utility Commissioners, one hundred and forty-five thousand dollars. Salaries and Expenses 38A

## BOARD OF COMMERCE AND NAVIGATION.

For salaries and expenses of the Department of Commerce and Navigation, pursuant to chapter two hundred and forty-two, laws of one thousand nine hundred and fifteen, forty-six thousand two hundred dollars. Salaries and Expenses 41 A

## DEPARTMENT OF WEIGHTS AND MEASURES.

For salaries and expenses of the Department of Weights and Measures, pursuant to chapter two hundred and one, laws of one thousand nine hundred and eleven, twelve thousand dollars. Salaries and Expenses 42 A

## STATE BOARD OF EDUCATION.

For necessary expenses of the State Board of Education, two thousand six hundred dollars. Expenses 43 A

## COMMISSIONER OF EDUCATION.

For incidental expenses, twelve thousand dollars; Incidental Expenses 44 G

Receipts from academic certificates. Academic Certificates 44 K

## STATE NORMAL SCHOOL AT TRENTON.

For the support of the State Normal School at Trenton, ninety-five thousand dollars; For Support 45 A

For necessary repairs to the grounds, buildings and furniture, and for keeping the same insured, twelve thousand dollars; Repairs and Insurance 45 B

For Model School and Boarding Hall. Expenses 45 D

## STATE NORMAL SCHOOL AT MONTCLAIR.

For support of the State Normal School at Montclair, sixty-four thousand dollars;	For Support	46 A
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For necessary improvements and repairs to the grounds, buildings and furniture, and for keeping the same insured, six thousand dollars;	Repairs and Insurance	46 B
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For maintenance of boarding hall, two thousand dollars.	Boarding Hall Maintenance	46 C
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## STATE NORMAL SCHOOL AT NEWARK.

For support of the State Normal School at Newark, one hundred and ten thousand dollars;	For Support	47 A
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For necessary improvements and repairs to the grounds, buildings and furniture, and for keeping the same insured, two thousand five hundred dollars.	Repairs and Insurance	47 B
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## NEW JERSEY SCHOOL FOR THE DEAF.

For the New Jersey School for the Deaf, for the teaching, maintenance and clothing of pupils taught therein, for purchase and repair of furniture, school apparatus and other appliances, for making needed improvements and repairs in the buildings and grounds, for insurance thereof, and for maintaining the system of manual and industrial education in said school, sixty-five thousand dollars, payment to be made pursuant to chapter sixty-five, laws of one thousand nine hundred and nine.	Maintenance	48 B
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## MANUAL TRAINING AND INDUSTRIAL SCHOOL FOR COLORED YOUTH.

For maintenance of the Manual Training and Industrial School for Colored Youth, thirty-seven thousand dollars;	Maintenance	49 A
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For dormitory and equipment, twenty-five thousand dollars;	Dormitory and Equipment	49 D
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For teachers' home, ten thousand dollars.	Teachers' Home	49 E
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## STATE BOARD OF EXAMINERS.

For expenses incurred by the State Board of Examiners, ten thousand dollars.	Expenses	51 A
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## TEACHERS' RETIREMENT FUND.

To the board of trustees, for payment of expenses incurred in connection with the administration of the teachers' retirement fund, pursuant to chapter one hundred and thirty-nine, laws of one thousand nine hundred and seven, nine thousand dollars.	To Trustees for Expenses	55 A
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## TEACHERS' INSTITUTES.

For expenses of teachers' institutes, two thousand dollars.	Expenses	56 A
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## SUMMER COURSE IN AGRICULTURE, ETC.

For the purpose of carrying out the provisions of chapter three hundred and ten, laws of one thousand nine hundred and thirteen, ten thousand dollars; payment to be made as provided by chapter sixty-five, laws of one thousand nine hundred and nine.	Summer Schools	58 A
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## BOARD OF SHELL FISHERIES.

For salaries and expenses of the Board of Shell Fisheries, thirty thousand dollars.	Salaries and Expenses	59 A
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## STATE HOSPITAL AT MORRIS PLAINS.

For maintenance of county patients, at the rate of two dollars per week; for support and clothing of insane convicts, at the rate of five dollars per week for each insane convict; and support and clothing of indigent patients, at the rate of four dollars per week, three hundred ninety-seven thousand eight hundred dollars;	Maintenance	61 A
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For research work, two thousand five hundred dollars.	Research Work	61 E
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## STATE HOSPITAL AT TRENTON.

For maintenance of county patients, at the rate of two dollars per week, for support and clothing of insane convicts, at the rate of five dollars per week for each insane convict; and support and clothing of indigent patients, at the rate of four dollars per week, two hundred and fifty-four thousand eight hundred dollars;	Maintenance	62 A
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For research work, two thousand five hundred dollars;	Research Work	62 D
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For fire protection, consisting of fire-escapes, automatic water sprinklers, fireproof stairways and fire walls, et cetera, twenty-five thousand dollars;	Fire Protection	62 G
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For labor and materials repairing greenhouses, five hundred dollars;	Labor, Material, Greenhouses	62 K
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For repointing buildings, one thousand dollars;	Repointing Buildings	62 L
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For stone, labor and materials for repairing roads or laying new walks, five hundred dollars.	Stone, Labor, Materials; Roads and Walks	62 M
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## STATE PRISON.

For maintenance of the State Prison and maintenance of the convicts, one hundred and sixty thousand dollars;	Maintenance	64 A
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For maintenance of principal keeper and resident physician, pursuant to chapters one hundred and sixty-three and two hundred and forty-four of the laws of one thousand nine hundred and six, one thousand eight hundred dollars;

Principal Keeper and Resident Physician 64 B

For furniture, appliances and repairs for residences of principal keeper and resident physician, two hundred dollars;

Furniture, Appliances and Repairs for Principal Keeper and Res. Physician 64 C

For furniture, appliances and repairs of State Prison, prison farm and road camps, twelve thousand five hundred dollars;

Furniture, Appliances and Repairs 64 D

For maintenance of the electrocution plant, pursuant to the provisions of chapter seventy-nine, laws of one thousand nine hundred and six, and acts amendatory thereto, two thousand dollars;

Electrocution Plant 64 L

For the maintenance of a school in the State Prison, pursuant to chapter sixty-five, laws of one thousand nine hundred and seven, one thousand six hundred dollars;

For School 64 M

For maintenance of library, one hundred dollars.

Maintenance Library 64 W

#### STATE HOME, FOR BOYS.

For the trustees of the New Jersey State Home for Boys, for maintenance, one hundred and twenty thousand dollars;

Maintenance 66 A

For repairs to grounds and buildings, including plumbing, five thousand dollars.

Repairs, Including Plumbing 66 C

#### STATE HOME FOR GIRLS.

For a hospital fund, five hundred dollars;

Hospital Fund 67 E

For repairs to buildings and grounds, four thousand dollars.

Repairs 67 F

#### VILLAGE FOR EPILEPTICS.

For maintenance, including expenses of managers, salaries of officers and employees, and repairs, one hundred sixty thousand six hundred dollars.

Maintenance 68 A

#### SANATORIUM FOR TUBERCULOUS DISEASES.

For maintenance, one hundred and thirty-two thousand dollars.

Maintenance 69 A

## STATE INSTITUTION FOR FEEBLE-MINDED.

For maintenance, support and instruction of feeble-minded women, not exceeding two hundred and thirty dollars per capita, one hundred and sixty-five thousand dollars;	Maintenance	71 A
For research work, two thousand five hundred dollars;	Research Work	71 B
General repairs and improvements, five thousand five hundred dollars;	Repairs and Improvements	71 D
For laundry building and equipment, twenty thousand dollars.	Laundry and Equipment	71 F

## STATE REFORMATORY FOR WOMEN.

For maintenance, not exceeding two hundred and fifty dollars per capita, twenty-two thousand dollars;	Maintenance	72 B
For repairs, including fire insurance, three thousand dollars;	Repairs, Insurance	72 F
For maintenance of farm, farm labor, and upkeep of buildings, eight thousand dollars;	Maintenance Farm, etc.	72 G
For medical treatment and care, dentist, oculist, hospital treatment, recapture of runaways, and other unforeseen contingencies, two thousand dollars.	Medical Treatment, etc., and Unforeseen Contingencies	72 H

## STATE BOARD OF CHILDREN'S GUARDIANS.

To the State Board of Children's Guardians, for expenses, twenty-three thousand dollars;	Expenses	73 A
For the purpose of carrying out the provisions of chapter two hundred and eighty-one, laws of one thousand nine hundred and thirteen, twenty thousand dollars.	Chap. 281, Laws 1913, Widows' Pension Act	73 B

## COMMISSION FOR AMELIORATING THE CONDITION OF THE BLIND.

For the purpose of carrying out the provisions of chapter one hundred and thirty-six, laws of one thousand nine hundred and nine, eleven thousand five hundred dollars;	Aiding Blind	74 A
For preventive work, seven hundred and fifty dollars;	Preventive Work	74 B
For extension of home industries and further employment of the blind, one thousand dollars;	Extension Home Industries, etc.	74 C
For revolving industrial fund, one thousand five hundred dollars.	Revolving Industrial Fund	74 D



BOARD OF EXAMINERS OF FEEBLE-  
MINDED, EPILEPTICS, CRIMINALS  
AND OTHER DEFECTIVES.

For expenses incurred in carrying Expenses 75 A  
into effect the provisions of chapter  
one hundred and ninety, laws of one  
thousand nine hundred and eleven,  
one hundred dollars.

NEW JERSEY HOME FOR DISABLED SOL-  
DIERS, SAILORS, MARINES AND THEIR  
WIVES AND FOR THEIR WIDOWS, AT  
VINELAND.

For maintenance, eighty-five thou- Maintenance 76 D  
sand dollars.

HOME FOR DISABLED SOLDIERS AT  
KEARNY.

For the support of the New Jersey Support 77 A  
Home for Disabled Soldiers at  
Kearny, and for the chaplain thereof,  
seventy-one thousand dollars.

DEPARTMENT OF AGRICULTURE.

For the State Board of Agricul- Purposes Chapter 268,  
ture, twelve thousand dollars; *pro- Laws 1916 79 A*  
vided, that if a bill now pending en-  
titled "An act to establish a Depart-  
ment of Agriculture and to prescribe  
its powers and duties," shall become  
a law, this appropriation shall be  
deemed to have been made for the ef-  
fectuation of the provisions of said  
act;

For the State Board of Agriculture,  
for the purpose of carrying out the  
provisions of an act to prevent the  
introduction into and spread of in-  
jurious insects in New Jersey, to pro-  
vide a method for compelling their  
destruction, to create the office of  
State Entomologist, to authorize the  
inspection of nurseries and to provide  
certificates of inspection, and the  
amendments thereof and supplements  
thereto, seven thousand dollars; *pro-  
vided*, that if a bill now pending en-  
titled "An act to establish a Depart-  
ment of Agriculture and to prescribe  
its powers and duties," shall become a  
law, this appropriation shall be  
deemed to have been made for the  
effectuation of the provisions of said  
act;

For the purpose of carrying out  
the provisions of chapter fifty-four,  
laws of one thousand nine hundred  
and eleven, and the amendments  
thereof and supplements thereto, six  
thousand dollars; *provided*, that if a  
bill now pending entitled "An act to  
establish a Department of Agricul-  
ture and to prescribe its powers and  
duties," shall become a law, this ap-  
propriation shall be deemed to have  
been made for the effectuation of the  
provisions of said act;

For the purpose of carrying out the provisions of chapter sixty, laws of one thousand nine hundred and eleven, and the amendments thereof and supplements thereto, two thousand dollars; *provided*, that if a bill now pending entitled "An act to establish a Department of Agriculture and to prescribe its powers and duties," shall become a law, then this appropriation shall be deemed to have been made for the effectuation of the provisions of said act;

For the State Board of Agriculture as constituted in accordance with the provisions of a bill now pending entitled "An act to establish a Department of Agriculture and to prescribe its powers and duties," ten thousand dollars; *provided*, said bill becomes a law;

For expenses and payments by the State Tuberculosis Commission, fifty thousand dollars, *provided*, that if a bill now pending entitled "An act to establish a Department of Agriculture and to prescribe its powers and duties," shall become a law, then this appropriation shall be deemed to have been made for the effectuation of the provisions of said act;

For the purpose of carrying out the provisions of chapter fifty-six and chapter two hundred and twelve, laws of one thousand nine hundred and eight, and the amendments thereof and supplements thereto, nine thousand dollars; *provided*, a bill now pending entitled "An act to establish a Department of Agriculture and to prescribe its powers and duties," shall become a law, then this appropriation shall be deemed to have been made for the effectuation of the provisions of said act.

#### BOARD OF FISH AND GAME COMMISSIONERS.

Chap. 41, Laws 1908	80 A
Chap. 247, Laws 1911	
(Fines)	80 B
State Game Protection Fund	80 C
Hunters' and Anglers' Licenses	80 D

#### STATE AGRICULTURAL COLLEGE.

For salaries, supplies and all other expenses for the maintenance of short courses in practical and scientific agriculture, pursuant to chapter fifty-five of the laws of one thousand nine hundred and five, and chapter forty-three of the laws of one thousand nine hundred and seven, twenty thousand dollars;

Short Courses in Agriculture	81 B
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For maintenance and development of college farm grounds, two thousand five hundred dollars; College Farm Grounds 81 D

For maintenance, long courses in agriculture, nine thousand dollars; Long Courses in Agriculture 81 E

For summer session, twelve thousand dollars; Summer Session 81 F

For maintenance and repair of farm buildings, one thousand dollars; Maintenance, Repair Farm Buildings 81 G

For clay working and ceramics, seven thousand five hundred dollars; Clay Working and Ceramics 81 H

For maintenance of agricultural building, one thousand five hundred dollars; Maintenance Agricultural Building 81 I

For maintenance of courses in engineering, four thousand dollars; Engineering Courses 81 J

For maintenance of courses in chemistry, two thousand dollars; Chemistry Courses 81 K

For maintenance of courses in sanitary science and sanitary engineering, three thousand dollars; Sanitary Science and Engineering 81 L

For maintenance of course in military science, two thousand five hundred dollars; Military Science 81 M

#### AGRICULTURAL EXPERIMENT STATION.

For salaries and expenses of the Agricultural Experiment Station, twenty-five thousand dollars; Salaries and Expenses 82 A

For the purpose of carrying out the provisions of "An act to provide for locating and abolishing mosquito-breeding salt-marsh areas within the State, for assistance in dealing with certain inland breeding places, and appropriating money to carry its provisions into effect," approved April twentieth, one thousand nine hundred and six, ten thousand dollars; Mosquito Act 82 C

For scientific investigation of oyster propagation, pursuant to chapter one hundred and eighty-seven, laws of one thousand nine hundred and seven, nine hundred dollars; Investigation Oyster Propagation 82 D

For the maintenance and operation of the department of poultry husbandry, pursuant to chapter fifty-two, laws of one thousand nine hundred and eleven, seven thousand dollars; Department Poultry Husbandry 82 E

For the purpose of carrying into effect the provisions of chapter two hundred and twenty-eight of the laws of one thousand nine hundred and sixteen, two thousand five hundred dollars; Seeds, Chap. 228, Laws 1916 82 F

For the purpose of maintaining and carrying on experimental work in floriculture, pursuant to chapter one hundred and thirty, laws of one thousand nine hundred and eleven, three thousand dollars; Floriculture Account 82 G

For expenses incurred in carrying out the provisions of chapter eighty-nine, laws of one thousand nine hundred and twelve, one thousand dollars;

For building fences and equipment in the department of poultry husbandry, five thousand dollars;

For the purpose of carrying into effect the provisions of chapter three hundred and sixty-four, laws of one thousand nine hundred and thirteen, and for other agricultural extension work, including the printing of circulars, twenty-five thousand dollars;

For cranberry investigation, one thousand five hundred dollars;

For maintenance of the branch experiment station in South Jersey, three thousand five hundred dollars;

For the purpose of carrying into effect the provisions of chapter sixteen, laws of one thousand nine hundred and sixteen, three thousand dollars;

All fees and receipts of the Experiment Station received under the provisions of chapters two hundred and eighteen and one hundred and seventy-nine, laws of one thousand nine hundred and twelve, are hereby appropriated for the uses and purposes expressed by said chapters.

Insecticide Act 82 H

Building Fences,  
Equipment, Department Poultry Husbandry 82 I

Farm Demonstration 82 J

Cranberry Investigation 82 K

Maintenance Branch Station 82 L

Egg - Laying and Breeding Tests 82 N

Chap. 218, Laws 1912,  
Concentrated Commercial Feeding Stuffs 82 O

Chap. 179, Laws 1912,  
Fertilizer Inspection Fees 82 P

PRESERVATION OF RECORDS.

For the purpose of publishing and completing the early records of this State, known as "New Jersey Archives," three thousand dollars.

STATE HORTICULTURAL SOCIETY.

To the treasurer of the New Jersey State Horticultural Society, pursuant to chapter one hundred and forty-one, laws of one thousand nine hundred and eleven, two thousand two hundred and fifty dollars.

Publishing and Completing Records 85 A

To Treasurer for Expenses 86 A

EMERGENCY.

For the Governor, to enable him to meet any emergency requiring the expenditure of money not otherwise appropriated, and to cover any incidental expenses of commissioners appointed by him under statute or in his discretion, the sum of ten thousand dollars.

Emergency 88 A

LEGISLATURE.

For indexing the journal of the Senate and minutes of the executive sessions and the minutes of the House of Assembly, and other incidental and contingent expenses of the Legislature, ten thousand five hundred dollars.

Indexing; Incidentals 91 D

## MONMOUTH BATTLE MONUMENT.

For the commission having in charge the Monmouth battle monument and grounds, pursuant to chapter one hundred and eighteen of the laws of one thousand eight hundred and eighty-six, five hundred dollars.	Expenses	94 A
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## TRENTON BATTLE MONUMENT.

For the Trenton Battle Monument Association, for the purpose of keeping said property in good condition and repair, five hundred dollars.	Expenses	95 A
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## WASHINGTON ASSOCIATION OF NEW JERSEY.

For trustees of the Washington Association of New Jersey, pursuant to chapter three hundred and nine, laws of one thousand eight hundred and seventy-four, twenty-five hundred dollars.	For the Trustees	99 A
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## COMMISSIONERS OF THE PALISADES INTERSTATE PARK.

For expenses incurred by the Commissioners of the Palisades Interstate Park, seventeen thousand five hundred dollars; said expenses to be approved by the Governor.	Expenses	100 A
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## MORRIS CANAL INVESTIGATION COMMITTEE.

For expenses incurred by the committee appointed pursuant to Joint Resolution number ten, passed April twelfth, one thousand nine hundred and twelve, one hundred dollars.	Expenses	101 A
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## OBSTRUCTIONS TO NAVIGATION.

For expenses incurred in removing any boat, barge or scow stranded or sunk in any of the navigable rivers of this State, fifty dollars.	Expenses	103 A
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## STATE CHARITIES AID ASSOCIATION.

For expenses of the association, pursuant to chapter one hundred and twenty, laws of one thousand eight hundred and ninety-two, six hundred dollars.	Expenses	106 A
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## COMMISSION ON OLD-AGE INSURANCE AND PENSIONS.

For expenses incurred by the commission appointed pursuant to chapter one hundred and ninety-eight, laws of one thousand nine hundred and eleven, three hundred and fifty dollars.	Expenses	107 A
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COMMISSION UPON REORGANIZATION  
AND CONSOLIDATION OF INTERRE-  
LATED DEPARTMENTS OF STATE.

For the purpose of carrying into effect the provisions of Joint Resolution number six, approved April first, one thousand nine hundred and twelve, two thousand five hundred dollars.

Expenses 108 A

COMMISSION ON MILITARY TRAINING  
IN HIGH SCHOOLS.

For the purpose of carrying into effect the provisions of a bill pending, entitled "An act to create and provide for a commission to investigate and report upon military training and instruction for national defense in high schools," one thousand dollars; *provided*, said bill becomes a law.

Expenses of Com-  
mission 109 A

COMMISSION ON ELIMINATION OF TOLL  
BRIDGES.

For expenses of the commission appointed pursuant to chapter two hundred and ninety-seven, laws of one thousand nine hundred and twelve, five hundred dollars.

Expenses 112 A

BUDGET ACT EXPENSES.

For the purpose of carrying into effect the provisions of chapter fifteen, laws of one thousand nine hundred and sixteen, ten thousand dollars.

Expenses 113 A

WASHINGTON ROCK PARK COMMISSION.

For insurance, improvement and maintenance of the Washington Rock Park, two thousand dollars.

Maintenance, Im-  
provements, In-  
surance 114 A

CIVIL SERVICE INVESTIGATING COM-  
MITTEE.

For the purpose of carrying into effect the provisions of Joint Resolution number six, approved March seventeenth, one thousand nine hundred and sixteen, one thousand dollars.

Expenses 116 A

COMMISSION FOR THE SURVEY OF MU-  
NICIPAL FINANCING.

For the purpose of carrying into effect the provisions of Joint Resolution number seven, approved March eighteenth, one thousand nine hundred and sixteen, two thousand five hundred dollars.

Expenses 117 A

OLD BARRACKS ASSOCIATION.

For the Old Barracks Association of Trenton, New Jersey, for maintenance, repairs and administration of the old barracks at Trenton, as a historical landmark and repository, one thousand two hundred dollars.

Maintenance Old  
Barracks 118 A

COMMISSION TO INVESTIGATE TOLL  
ROADS AND BRIDGES.

For the purpose of carrying into effect the provisions of Joint Resolution number two, approved March fifteenth, one thousand nine hundred and sixteen, one thousand dollars.

Expenses 120 A

COMMISSION TO REVISE, SIMPLIFY, AR-  
RANGE AND CONSOLIDATE THE  
PRIMARY AND ELECTION LAWS.

For the purpose of carrying into effect the provisions of Joint Resolution number four, filed March sixteenth, one thousand nine hundred and sixteen, five hundred dollars.

Revision Election  
Laws 124 A

COLONIES FOR FEEBLE-MINDED MALES.

For the purpose of carrying into effect the provisions of chapter sixty-one, laws of one thousand nine hundred and sixteen, fifteen thousand dollars.

Maintenance 125 A

ELECTORAL COLLEGE AND STATE BOARD  
OF CANVASSERS.

For expenses of State Board of Canvassers in investigating and estimating the vote cast for Governor, Members of Congress, Electors, et cetera, one thousand dollars.

Expenses 126 A

SCHOOL FUND EXPENSES.

For necessary legal and other expenses incurred by or under the direction of the trustees for the support of public schools in the investment and protection of the school fund, and in the collection of the income thereof, three thousand dollars.

School Fund Ex-  
penses 3 School

**The following appropriations will be available on November 1st for payment of purchases made by the State House Commission and the State Purchasing Agent.**

EXECUTIVE DEPARTMENT.

For blanks and stationery for the use of the executive department, one thousand dollars.	Blanks and Stationery 1 D
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OFFICE OF THE COMPTROLLER.

For blanks and stationery for use in the office of the Comptroller, two thousand dollars;	Blanks and Stationery 2 D
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For postage, expressage and other incidental expenses for the Comptroller's office, four thousand dollars.	Incidentals 2 E
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OFFICE OF THE TREASURER.

For blanks and stationery for use in the office of the Treasurer, seven hundred dollars;	Blanks and Stationery 3 C
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For postage, expressage and other incidental expenses for the office of the Treasurer, one thousand dollars.	Incidentals 3 D
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OFFICE OF THE SECRETARY OF STATE.

For postage, expressage and other incidental expenses for the office of Secretary of State, four thousand dollars;	Incidentals 5 D
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For blanks and stationery for use in the office of the Secretary of State, thirteen thousand dollars;	Blanks and Stationery 5 E
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For preserving old records by the Emery process, one thousand dollars;	Preserving Old Records 5 F
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For additional metallic cases for equipment of vaults, one thousand dollars;	Additional Metallic Cases 5 G
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For the purchase of corporation laws at a rate not to exceed fifty cents per copy, two thousand dollars.	Purchase Corporation Laws 5 I
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SECRETARY OF STATE, DEPARTMENT OF  
MOTOR VEHICLE REGULATION  
AND REGISTRATION.

For postage, expressage and other incidental expenses, six hundred dollars;	Incidentals 6 F
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For blanks and stationery, eight thousand dollars;	Blanks and Stationery 6 G
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<p>For the purchase and packing of identification marks and dies for use in connection with the same, twenty-eight thousand six hundred dollars; payment of the above items in this account to be made from the receipts of the department of motor vehicle regulation and registration, pursuant to chapter two hundred and thirty-five, laws of one thousand nine hundred and nine.</p>	<p>Purchase and Packing of Markers 6 I</p>
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## ATTORNEY-GENERAL'S DEPARTMENT.

<p>For blanks and stationery for use in the office of the Attorney-General, five hundred dollars;</p>	<p>Blanks and Stationery 7 E</p>
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<p>For postage, expressage and other incidental expenses for the Attorney-General's department, one thousand five hundred dollars.</p>	<p>Incidentals 7 F</p>
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## DEPARTMENT OF BANKING AND INSURANCE.

<p>For blanks and stationery for use in the Department of Banking and Insurance, five thousand dollars;</p>	<p>Blanks and Stationery 8 D</p>
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<p>For postage, expressage and other incidental expenses for the Department of Banking and Insurance, five thousand dollars.</p>	<p>Incidentals 8 E</p>
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## STATE LIBRARY.

<p>For the repair, preservation and purchase of useful books, periodicals, newspapers and other publications for the State Library, three thousand dollars;</p>	<p>Books, purchase, repairs, etc., 13 C</p>
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<p>For blanks, stationery, postage, expressage and other incidental expenses for the State Library, eight hundred dollars.</p>	<p>Blanks, Stationery, Incidentals 13 D</p>
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## STATE HOUSE COMMISSION.

<p>For carpets for Assembly Chamber, painting, renovating and general repairs to buildings, two thousand dollars.</p>	<p>Carpets for Assembly Chamber 16 C</p>
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## SUPREME COURT.

<p>For blanks and stationery for use of the Chief Justice and Associate Justices of the Supreme Court, and incidental expenses, two hundred and fifty dollars.</p>	<p>Blanks and Stationery 18 E</p>
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OFFICE OF THE CLERK OF THE SUPREME COURT.

For blanks and stationery for use in the office of the Clerk of the Supreme Court, two thousand three hundred and sixty dollars; Blanks and Stationery 19 C

For postage, expressage and other incidental expenses for the office of the Clerk of the Supreme Court, one thousand nine hundred dollars. Incidentals 19 D

COURT OF CHANCERY.

For allowance for stationery for the Court of Chancery, five hundred dollars. Stationery 20 I

OFFICE OF CLERK IN CHANCERY.

For blanks and stationery for use in the office of the Clerk in Chancery, three thousand dollars; Blanks and Stationery 21 C

For postage, expressage and other incidental expenses for the office of the Clerk in Chancery, three thousand five hundred dollars. Incidentals 21 D

COURT OF ERRORS AND APPEALS.

For expressage and other incidental expenses for the court, one hundred and fifty dollars. Incidentals 22 D

LAW AND EQUITY REPORTS.

For the publication of the Chancery reports, six thousand five hundred dollars; Publication Chancery Reports 25 A

For the publication of the law reports, six thousand five hundred dollars; Publication Law Reports 25 B

For binding Chancery and law reports, nine hundred and fifty dollars. Binding Chancery and Law Reports 25 E

NATIONAL GUARD.

For insuring regimental armories, buildings at the State camp grounds at Sea Girt, the State arsenal and all public military stores, four thousand nine hundred and fifty dollars; Insurance 27 P

For ordnance stores, uniforms, clothing, camp and garrison equipment, freight and expressage and miscellaneous supplies, ten thousand dollars; Ordnance Stores, etc. 27 R

For equipping and furnishing company armory at New Brunswick, one thousand dollars; Equipping and Furnishing New Brunswick Armory 27 BB



## ADJUTANT-GENERAL'S DEPARTMENT.

For blanks and stationery for use in the Adjutant-General's office, one thousand five hundred dollars; Blanks and Stationery 30 C

For annual dues to Interstate National Guard Association for the year one thousand nine hundred and seventeen, fifty dollars; Annual Dues, I. N. G. A. 30 E

For printing, binding and distributing the annual report of the proceedings of the department of New Jersey, Grand Army of the Republic, five hundred dollars. Printing, etc., Annual Report N. J. G. A. R. 30 F

## QUARTERMASTER-GENERAL'S DEPARTMENT.

For blanks and stationery for use in Quartermaster-General's department, five hundred dollars. Blanks and Stationery 31 F

## DEPARTMENT OF CHARITIES AND CORRECTIONS.

For blanks, stationery, postage, et cetera, one thousand five hundred dollars; Blanks, Stationery and Incidentals 34 F

For blue prints and drawing materials, one thousand two hundred dollars. Blue Prints and Drawing Materials 34 G

## NEW JERSEY CONFERENCE OF CHARITIES AND CORRECTIONS.

For printing and distributing the proceedings of the annual conference of the New Jersey Conference of Charities and Corrections, for the year one thousand nine hundred and sixteen, six hundred dollars. Printing and Distributing Proceedings, etc. 35 A

## STATE BOARD OF TENEMENT HOUSE SUPERVISION.

For rent of offices, two thousand five hundred dollars; Rent 36 A

For printing and stationery, seven hundred fifty dollars; Printing and Stationery 36 B

For incidentals, postage and expressage, two thousand dollars; Incidentals 36 J

For office furnishings and supplies, two hundred dollars. Office Furnishing and Supplies 36 N

## DEPARTMENT OF PUBLIC REPORTS.

For blanks and stationery for use of the department, fifty dollars; Blanks and Stationery 39 C

For postage, expressage and other incidental expenses for the department, fifty dollars. Incidentals 39 D

## COMMISSIONER OF EDUCATION.

For blanks, stationery and printing, sixteen thousand dollars;	Blanks, Stationery, Printing	44 F
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For two thousand five hundred copies of the Manual of the Legislature of New Jersey, two thousand five hundred dollars; <i>provided</i> , manuals are furnished for school use only, all public schools to be included in the distribution;	Legislative Manuals	44 H
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For educational bulletin, one thousand five hundred dollars.	Educational Bulletin	44 I
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## MANUAL TRAINING AND INDUSTRIAL SCHOOL FOR COLORED YOUTH.

For equipment of trade building, six thousand dollars.	Equipment of Trade Building	49 C
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## TEACHERS' RETIREMENT FUND.

For blanks, stationery, postage, expressage, et cetera, six hundred dollars.	Blanks, Stationery, etc.	55 C
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## STATE HOSPITALS.

For expenses in transferring insane convicts, one hundred dollars;	Transferring Insane Convicts	60 B
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For medical examination of insane convicts, five hundred dollars.	Medical Examination, Insane Convicts	60 C
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## STATE HOSPITAL AT MORRIS PLAINS.

For appraisement of personal property, two hundred dollars;	Appraisement	61 C
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For insurance premiums, six thousand dollars;	Insurance	61 D
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For amusement fund, one thousand dollars;	Amusement Fund	61 F
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For clothing of State indigent patients, eight thousand dollars;	Clothing, State Indigent Patients	61 G
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For shower baths, ten thousand dollars;	Shower Baths	61 H
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For laundry equipment, seven thousand dollars;	Laundry Equipment	61 I
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For furnishing addition to fire house, one thousand dollars;	Furnishing Addition Fire House	61 J
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For electric lighting of ducts, machine shop, et cetera, five hundred dollars;	Electric Lighting Ducts, Machine Shop, etc.	61 K
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For composite flooring, cement and sand, dormitory building, three thousand dollars;	Composite Flooring, Dormitory Building	61 L
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For filing cases, one thousand dollars;	Filing Cases	61 M
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For auto truck, two thousand dollars;	Auto Truck	61 N
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For additional equipment for industrial department for patients, two thousand five hundred dollars;	Additional Equipment, Industrial Dept.	61 O
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For complete X-ray equipment, including induction coil, protective apparatus and all essential appliances, three thousand five hundred dollars;	X - Ray Equipment, etc.	61 P
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For materials for walks and porches, five hundred dollars;	Materials, Walks and Porches	61 R
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For railroad equipment, three thousand dollars.	Railroad Equipment	61 S
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## STATE HOSPITAL AT TRENTON.

For appraisalment of personal property, two hundred dollars;	Appraisalment	62 C
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For fire insurance premiums, three thousand dollars;	Insurance	62 E
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For materials consisting of lead, oils, et cetera, for painting purposes, one thousand dollars;	Painting Materials	62 F
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For laboratory supplies and apparatus, one thousand five hundred dollars;	Laboratory Supplies, Apparatus	62 H
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For lumber for new floors, fences and general repairs, two thousand five hundred dollars;	Lumber, New Floors, Fences, etc.	62 I
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For new furniture, one thousand five hundred dollars;	New Furniture	62 J
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For trees and shrubbery, five hundred dollars;	Trees and Shrubbery	62 O
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For pipe, steam traps, et cetera, for repairing steam and water lines, five hundred dollars;	Pipe, Steam Traps, etc., for Repairs, Lines	62 P
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For amusement fund, one thousand dollars;	Amusement Fund	62 R
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For cleaning out woods, laying out walks, et cetera, five hundred dollars;	Cleaning Out Woods, Laying Walks	62 S
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For additional laundry machinery, two thousand dollars;	Additional Laundry Machinery	62 T
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For new piggery, consisting of pens, fences, et cetera, seven thousand dollars.	New Piggery, Pens, Fence, Etc.	62 U
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## STATE PRISON.

For bureau of identification, three hundred dollars;	Bureau of Identification	64 N
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For fertilizer, seeds, grain and forage at the prison farm, five thousand four hundred dollars;	Fertilizer, Seeds, Grain, etc.	64 P
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For stock and implements at prison farm, one thousand dollars;	Stock and Implements	64 Q
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For medical attendance at State Prison, farm and camps, six hundred dollars;	Medical Attendance	64 R
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For annual appraisalment, two hundred dollars;	Appraisalment	64 S
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For insurance premiums, three thousand dollars;	Insurance	64 T
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For painting materials, five hundred dollars;	Painting Materials	64 U
For X-ray machine in hospital, five hundred dollars;	X-Ray Machine, Hospital	64 X
For hardware, paints and oils at the prison farm, three hundred dollars;	Hardware, Paints, Oils, at Farm	64 Y
For water-supply for toilet, bathing facilities and fire protection at the prison farm, five thousand dollars.	Water Supply, Farm	64 Z

NEW JERSEY REFORMATORY.

For maintenance, sixty thousand dollars;	Maintenance	65 D
For furniture, appliances and repairs (including industrial departments), eighteen thousand dollars;	Furniture, Appliances, Repairs	65 E
For fuel and water, fifteen thousand dollars;	Fuel and Water	65 H
For farm live stock, implements, et cetera, one thousand dollars;	Farm Live Stock, Implements, etc.	65 I
For purchase of machinery, three thousand five hundred dollars.	Purchase Machinery	65 N

STATE HOME FOR BOYS.

For library books and periodicals, two hundred dollars;	Books and Periodicals	66 D
For kitchen and bakery equipment, two thousand dollars;	Kitchen and Bakery Equipment	66 E
For new press and other equipment for printing office, one thousand dollars;	New Press, Printing Equipment	66 F
For two new boilers, ten thousand dollars.	Two New Boilers	66 H

STATE HOME FOR GIRLS.

For the trustees of the New Jersey State Home for Girls, for maintenance, not exceeding two hundred and fifty dollars per capita, exclusive of salaries, sixty thousand dollars;	Maintenance	67 A
For fire insurance premiums, five hundred sixty-one dollars and fifty-eight cents.	Insurance	67 G

VILLAGE FOR EPILEPTICS.

For furniture and equipment, eleven thousand dollars.	Furniture and Equipment	68 B
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SANATORIUM FOR TUBERCULOUS DISEASES.

For an additional boiler at the power-house, three thousand six hundred dollars;	Additional Boiler, Power House	69 C
For the purchase and planting of trees and shrubbery, seven hundred dollars.	Trees and Shrubby	69 D

## STATE INSTITUTION FOR FEEBLE-MINDED.

Fire insurance premiums, three thousand dollars;	Insurance	71 C
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For standardized locking system for entire plant, two thousand five hundred dollars.	Locking System	71 E
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## STATE REFORMATORY FOR WOMEN.

For electric current, including rental of lines, one thousand five hundred dollars;	Electric Current, etc.	72 E
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For fruit trees, berry bushes and fruit vines, five hundred dollars;	Fruit Trees, Vines, etc.	72 I
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For equipment of disciplinary cottage, seven hundred and fifty dollars;	Equipment, Disciplinary Cottage	72 L
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## COMMISSION FOR AMELIORATING THE CONDITION OF THE BLIND.

For publicity, demonstrations and sales, two hundred and fifty dollars.	Publicity, Demonstration and Sales	74 E
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## NEW JERSEY HOME FOR DISABLED SOLDIERS, SAILORS, MARINES AND THEIR WIVES AND FOR THEIR WIDOWS, AT VINELAND

For fire insurance premiums, one thousand two hundred dollars.	Insurance	76 E
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## HOME FOR DISABLED SOLDIERS AT KEARNY.

For painting buildings of the home, three thousand dollars.	Painting	77 B
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## STATE AGRICULTURAL COLLEGE.

For reference books and periodicals, two thousand five hundred dollars;	Reference Books, etc.	81 C
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For advertising pursuant to chapter nine of the laws of one thousand eight hundred and seventy-nine, ninety dollars.	Advertising	81 P
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## AGRICULTURAL EXPERIMENT STATION.

For printing bulletins, including circulars, of the Agricultural Experiment Station, seven thousand dollars;	Printing Bulletins	82 B
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For the purchase of specimen types of meat animals including cattle, sheep, swine and goats, two thousand dollars.	Specimen Types Meat Animals	82 M
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## LEGISLATURE.

For manuals of the Legislature of New Jersey, two thousand dollars;	Manuals	91 C
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For toilet and other necessary supplies for use at the legislative session to be furnished by the State House Commission, eight hundred dollars.	Toilet and Other Necessary Supplies	91 E
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## ADVERTISING.

For advertising proclamations issued by the Governor, notices of the Attorney-General in relation to delinquent miscellaneous corporations, and notices of the Comptroller in regard to public printing, et cetera, six hundred dollars.	Advertising	92 A
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## PRINTING.

For printing and binding public documents, seventy thousand dollars;	Printing, etc., Public Documents	93 A
For preparing index of session laws, one hundred dollars;	Preparing Index Session Laws	93 C
For printing and circulation of the laws, six thousand dollars.	Printing, Circulation of Laws	93 D

## PRISON LABOR COMMISSION.

For printing, postage, expressage and other incidental expenses, six hundred dollars.	Incidentals and Printing	110 B
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## VALLEY FORGE REVOLUTIONARY ENCAMPMENT COMMISSION.

For carrying into effect the provisions of Joint Resolution number three, approved March fifteenth, one thousand nine hundred and sixteen, five hundred dollars.	For Report	115 A
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**The following appropriations are subject to the control of the division of the government to which they are credited in the appropriation act, and cannot be made available for use by the State House Commission or State Purchasing Agent.**

## EXECUTIVE DEPARTMENT.

For the Governor, for salary, ten thousand dollars;	Governor's Salary	1 A
For the secretary to the Governor, for salary, four thousand dollars;	Secretary's Salary	1 B
For compensation for assistants in the executive department, five thousand one hundred dollars.	Compensation of Assistants	1 C

## OFFICE OF THE COMPTROLLER.

For the Comptroller, for salary, six thousand dollars;	Comptroller's Salary	2 A
For the Deputy Comptroller, for salary, three thousand six hundred dollars.	Deputy Comptroller's Salary	2 B

## OFFICE OF THE TREASURER.

For the Treasurer, for salary, six thousand dollars;	Treasurer's Salary	3 A
For compensation for clerical services in the office of the Treasurer, fourteen thousand eight hundred dollars.	Clerical Services	3 B

## OFFICE OF THE SECRETARY OF STATE.

For the Secretary of State, for salary, six thousand dollars;	Sec'y State, for Salary	5 A
For the Assistant Secretary of State, for salary, three thousand dollars;	Asst. Sec'y State, for Salary	5 B
For compensation for clerical services in the office of the Secretary of State, twenty-three thousand three hundred dollars;	Clerical Services	5 C
For compiling and indexing the primary and general election laws, three hundred dollars.	Compiling Indexing Election Laws	5 H

SECRETARY OF STATE, DEPARTMENT OF  
MOTOR VEHICLE REGULATION  
AND REGISTRATION.

For salary for the Commissioner of Motor Vehicles, one thousand five hundred dollars;	Commissioner's Salary	6 A
For salary for the chief inspector, one thousand eight hundred dollars;	Chief Inspector's Salary	6 B
For compensation for inspectors, thirty-seven thousand eight hundred dollars;	Compensation for Inspectors	6 C

For compensation for clerical services, ten thousand seven hundred and fifty dollars.

Clerical Services 6 E

For reimbursement of applicants for licenses who have made errors in the rating of their machines, three hundred dollars.

Applicants' Reimbursement 6 H

#### ATTORNEY-GENERAL'S DEPARTMENT.

For the Attorney-General, for salary, seven thousand dollars;

Attorney-Genral's Salary 7 A

For the Assistant Attorney-General, for salary, five thousand dollars;

Asst. Attorney-Gen-  
eral's Salary 7 B

For the second Assistant Attorney-General, for salary, four thousand eight hundred dollars;

2nd Asst. Attorney-  
General's Salary 7 C

For compensation and expenses of counsel employed by the Attorney-General in foreign States, to collect taxes due from bankrupt and other insolvent corporations, five hundred dollars.

Compensation and Ex-  
penses of Counsel in  
Foreign States 7 G

#### DEPARTMENT OF BANKING AND INSURANCE.

For the Commissioner of Banking and Insurance, for salary, six thousand dollars;

Commissioner's Salary 8 A

For the Deputy Commissioner of Banking and Insurance, for salary, three thousand five hundred dollars;

Deputy Commission-  
er's Salary 8 B

For compensation for assistants in the Department of Banking and Insurance, nineteen thousand five hundred dollars;

Compensation of As-  
sistants 8 C

For compensation of building and loan association examiners, twenty-three thousand dollars;

Compensation B. & L.  
Examiners 8 F

For necessary appraisals of real estate and all other incidental expenses in connection with examinations of building and loan associations, three hundred dollars.

B. & L. Appraisals 8 H

#### DEPARTMENT OF HEALTH.

For the enforcement of subdivision D, section four of chapter two hundred and eighty-eight, laws of one thousand nine hundred and fifteen, five thousand dollars.

Sub-Div. D, Sec. 4,  
Chap. 288, Laws  
1915 10 B

#### COUNTY BOARDS OF TAXATION.

For salaries of members of the county boards of taxation, one hundred thousand eight hundred dollars.

Salaries of Members 11 A

## PUBLIC ROADS.

For State Road Fund, including cost of State highway survey, pursuant to chapter three hundred and ninety-six, laws of one thousand nine hundred and twelve, five hundred thousand dollars;	State Road Fund	12 A
For commissioner, for salary, five thousand dollars;	Commissioner's Salary	12 D
For State Highway Engineer, for salary, four thousand dollars;	State Highway Engineer's Salary	12 E
For salaries of four division highway engineers, eight thousand dollars;	Salaries four Division Highway Engineers	12 F
To W. F. Irish, for a pressure distributor furnished during the year one thousand nine hundred and thirteen, eight hundred and sixty dollars, when approved by the Commissioner of Public Roads in form satisfactory to the Comptroller;	W. F. Irish, claim	12 G
For the purpose of carrying out the provisions of a bill pending entitled "An act to provide for the proper construction, grading and drainage of the unimproved township roads of the State and to provide State aid therefor," four thousand eight hundred dollars; <i>provided</i> , said bill becomes a law;	Township Roads Act	12 H
The sum of seventy-five thousand dollars is hereby appropriated pursuant to chapter two hundred and twenty-three, laws of one thousand nine hundred and sixteen;	Essex County—Chap. 223, Laws 1916	12 I
For Motor Vehicle Fund, one thousand nine hundred and seventeen dollars.	Motor Vehicle Allotments	12 J

## STATE LIBRARY.

For the Librarian, for salary, three thousand dollars;	Librarian's Salary	13 A
For compensation for assistants in the State Library, three thousand three hundred dollars.	Compensation of Assistants	13 B

## PUBLIC LIBRARY COMMISSION.

For the formation and administration of libraries in the free public schools of the State, as provided by the general school law, supplemented by chapter one hundred eighty-six, laws of one thousand nine hundred and fourteen, seven thousand dollars.	Administration free school libraries	14 B
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## STATE HOUSE COMMISSION.

For the State House Commission, for the purpose of acquiring, by purchase or condemnation, in the name of the State, lands in the city of Trenton, with buildings thereon erected, and for any necessary removals and alterations of the same, and improvement of said lands as included in chapter two hundred and forty-two of the laws of one thousand nine hundred and eleven, and any supplements thereto or amendments thereof, fifty thousand dollars.

Acquiring Lands,  
Buildings 16 E

## DEPARTMENT OF CONSERVATION AND DEVELOPMENT.

For the State's share of bills incurred by townships in controlling forest fires, four thousand dollars;

State's Share, Forest  
Fires 17 B

For the purchase of land and the erection of a suitable building for a chemical and testing laboratory, and the heating, lighting and equipment of such building, including machinery and apparatus, twenty-three thousand five hundred dollars.

Chemical and Test-  
ing Laboratory 17 C

## SUPREME COURT.

For the Chief Justice and Associate Justices of the Supreme Court, for salaries, one hundred and nine thousand dollars;

Salaries Chief Jus-  
tice and Associate  
Justices 18 A

For the judges of the Circuit Court, for salaries, seventy-two thousand dollars;

Salaries Judges Cir-  
cuit Courts 18 B

For compensation of sergeant-at-arms and criers, one thousand three hundred dollars.

Compensation Serg't-  
at-Arms and Criers 18 C

## OFFICE OF THE CLERK OF THE SUPREME COURT.

For the Clerk of the Supreme Court, for salary, six thousand dollars;

Clerk's Salary 19 A

For compensation for clerical services in the office of the Clerk of the Supreme Court, seventeen thousand five hundred dollars.

Clerical Services 19 B

## COURT OF CHANCERY.

For the Chancellor, for salary, thirteen thousand dollars;

Chancellor's Salary 20 A

For the Vice-Chancellors, for salaries, ninety-six thousand dollars;

Vice-Chancellors' Sal-  
aries 20 B

For compensation of sergeant-at-arms and traveling expenses, six thousand seven hundred dollars;

Compensation, etc.,  
Sergeant-at-Arms 20 C



For compensation of stenographers, and for services pursuant to section one hundred and three of chapter one hundred and fifty-eight, laws of one thousand nine hundred and two, twenty-one thousand dollars;	Stenographers' Compensation, etc.	20 D
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For compensation and allowance of Advisory Masters and their official stenographers, thirteen thousand dollars;	Advisory Masters' Allowance, etc.	20 E
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For rent of rooms in Atlantic City, Jersey City, Newark and Trenton, for the use of the Chancellor, Vice-Chancellors and Advisory Masters, seven thousand six hundred and sixteen dollars;	Rent of Rooms	20 F
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For compensation of stenographer for the Chancellor, six hundred dollars.	Chancellor's stenographer	20 H
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## OFFICE OF CLERK IN CHANCERY.

For the Clerk in Chancery, for salary, six thousand dollars;	Clerk's Salary	21 A
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For compensation for clerical services in the office of the Clerk in Chancery, thirty-seven thousand dollars.	Clerical Services	21 B
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## COURT OF ERRORS AND APPEALS.

For compensation of judges of the Court of Errors and Appeals, twenty-two thousand dollars;	Compensation of Judges	22 A
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For compensation of officers of the Court of Errors and Appeals, one thousand seven hundred and fifty dollars;	Compensation of Officers	22 B
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For furnishing printed or typewritten copies of draft opinions under the direction of the presiding judge, one thousand dollars.	Copies of Draft Opinions	22 C
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## COURT OF PARDONS.

For compensation for judges of Court of Pardons, four thousand five hundred dollars.	Compensation of Judges	23 A
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## COURT EXPENSES.

For compensation of judges of the Court of Common Pleas, pursuant to section forty-nine, chapter one hundred and forty-nine of the laws of one thousand nine hundred, five hundred dollars.	Compensation of Judges	24 A
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## LAW AND EQUITY REPORTS.

For salary of Chancery reporter, five hundred dollars;	Salary Chancery Reporter	25 C
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For salary of Supreme Court reporter, five hundred dollars.	Salary Supreme Court Reporter	25 D
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## STENOGRAPHIC REPORTERS.

For amount to be refunded to various counties in this State for salaries of stenographic reporters appointed by the justices of the Supreme Court, pursuant to chapter eighty-one of the laws of one thousand nine hundred and one, fifteen thousand seven hundred sixty-five dollars and four cents.

Stenographic Reporters 26 A

## NATIONAL GUARD.

For expenses for brigade, regimental, artillery, battalion and squadron headquarters, three thousand four hundred dollars;

Division, Brigade and Regimental Headquarters 27 A

For allowances for three batteries of artillery, two thousand dollars each, six thousand dollars;

Allowances for three Batteries Artillery 27 B

For allowances for four troops of cavalry, at two thousand dollars each, including rent of armory, eight thousand dollars;

Allowances for four Troops Cavalry 27 C

For allowances for sixty companies of infantry, at five hundred dollars each, thirty thousand dollars;

Allowances for Sixty Companies Infantry 27 D

For allowance for one signal corps, two thousand dollars;

Allowance for Signal Corps 27 E

For transportation for battalion drills, inspections, parades, and for pay and expenses of inspecting officers, five thousand dollars;

Transportation for Battalion Drills, etc. 27 F

For transportation of disabled soldiers of the late rebellion and the Spanish-American war, thirty dollars;

Transportation Disabled Soldiers 27 L

For traveling expenses of United States army officers detailed to the State by the War Department as Instructor-Inspectors of the National Guard, one thousand dollars;

Expenses U. S. A. Officers 27 V

For pay of clerk attached to Instructor-Inspector's office, six hundred dollars;

Clerk's Pay, Instructor-Inspector's Office 27 W

For salary of caretaker of military equipment of signal corps company, one thousand two hundred dollars;

Salary Caretaker Military Equipment, Signal Corps Company 27 X

For salary of caretaker of military equipment of troop D, first squadron cavalry, one thousand five hundred dollars;

Salary Caretaker, Troop D, First Squadron Cavalry 27 Z

For salary of caretaker at armory of companies K and M, fourth infantry, at Hoboken, seven hundred and eighty dollars;

Salary Caretaker, Companies K and M, Fourth Infantry 27 AA

For settlement of street paving assessment levied against the State arsenal property, city of Trenton, nine hundred eighty-two dollars and seventy-five cents;

Assessment on State Arsenal Property, Trenton, 27 DD

For construction of armory for fourth regiment, infantry, at Jersey City, pursuant to chapter one hundred and seventy-seven, laws of one thousand nine hundred and fourteen, fifty thousand dollars;

Construction of Armory, Fourth Regiment, Jersey City 27 EE

For construction of armory for company L, third infantry, at Atlantic City, pursuant to chapter thirty-two, laws of one thousand nine hundred and fifteen, twenty-five thousand dollars;

Construction of Armory, Company L, Third Infantry, Atlantic City 27 FF

For construction of armory for company K, second infantry, at Plainfield, pursuant to chapter three hundred and forty-five, laws of one thousand nine hundred and fifteen, twenty-five thousand dollars;

Construction of Armory, Company K, Second Infantry, Plainfield 27 GG

For construction of armory for company E, third infantry, at Mount Holly, pursuant to chapter two hundred and sixty-six, laws of one thousand nine hundred and thirteen, twenty-five thousand dollars.

Construction of Armory, Company E, Third Infantry, Mount Holly 27 HH

#### NAVAL RESERVE.

First battalion, in lieu of company allowances, one thousand five hundred dollars;

For First Battalion, in lieu of Company Allowances 28 A

For battalion headquarters, three hundred dollars;

For Battalion Headquarters 28 B

Second battalion, in lieu of company allowances, one thousand five hundred dollars;

For Second Battalion, in lieu of Company Allowances 28 E

For battalion headquarters, three hundred dollars.

For Battalion Headquarters 28 F

#### ADJUTANT-GENERAL'S DEPARTMENT.

For the Adjutant-General, for salary, two thousand five hundred dollars;

Adjutant - General's Salary 30 A

For compensation for clerical service in the Adjutant-General's office, seven thousand seven hundred fifty dollars.

Clerical Services 30 B

#### QUARTERMASTER-GENERAL'S DEPARTMENT.

For the Quartermaster-General, for salary, two thousand five hundred dollars;

Quartermaster - General's Salary 31 A

For compensation for assistants in the department of the Quartermaster-General, namely:

For chief clerk, for salary, two thousand five hundred dollars;

Chief Clerk's Salary 31 B

For clerks, for salaries, five thousand five hundred and twenty dollars;

Clerks' Salaries 31 C

For military storekeeper, for salary, one thousand two hundred dollars;

Military Storekeeper's Salary 31 D

For carpenter, machinist and to persons having in charge accoutrements, et cetera, cleaning arms, et cetera, teamster and laborer, for salaries, three thousand six hundred dollars.

State Arsenal, Pay  
Roll Employes 31 E

TRANSFER INHERITANCE TAX.

The Comptroller of the Treasury is hereby authorized, and it shall be his duty, to withdraw from the State fund such amounts as shall be required to carry out the provisions of chapter two hundred and thirty-eight, laws of one thousand nine hundred and nine, and to refund and pay such claims as may be necessary and the State Treasurer shall pay same upon the warrants of the said Comptroller and there is hereby appropriated the amount necessary therefor.

Refunds, etc. 32 D

COLLATERAL INHERITANCE TAX, RE-  
FUND.

For the repayment of collateral inheritance taxes paid, as assessed under the collateral inheritance tax act and to the refund of which the estates having made payment may be entitled under the decision of the Court of Errors and Appeals of this State, rendered July eighth, one thousand nine hundred and ten, In re Dixon vs. Russell (Collard Estate), also those estates which having made payment may be entitled to refund under the decision of the Supreme Court, In re Moss vs. Edwards, rendered July seventeenth, one thousand nine hundred and twelve (John L. Foote Estate), provided the application for such repayment shall be made within two (2) years from the date of payment of such tax. Payment of such claims shall be made only when proven in form, manner and substance to the satisfaction of the State Comptroller and approved by the Attorney-General of this State, five thousand dollars.

Collateral Inheritance  
Tax Refunds by  
Court Decisions 33 A

DEPARTMENT OF CHARITIES AND COR-  
RECTIONS.

For salary of commissioner, four thousand dollars;

Commissioner's  
Salary 34 A

For salary of assistant (architect), three thousand six hundred dollars;

Salary of Assistant 34 B

For salaries of draughtsmen, seven thousand dollars;

Salaries of Draughts-  
men 34 C

For allowance for clerical service, six thousand three hundred dollars;

Clerical Service 34 D

For traveling expenses of commissioner and assistants, one thousand eight hundred dollars;

Traveling Expenses,  
Commissioner and  
Assistants 34 E



For salaries and expenses of two regular inspectors, and extra as needed, four thousand five hundred dollars;

Inspectors' Salaries  
and Expenses 34 I

For services of engineers, surveyors and other technical services as needed, three thousand dollars;

Technical Services 34 J

For deportation of aliens and non-residents, one thousand five hundred dollars;

Deportation of Aliens 34 K

For salary and expenses of agent for inspecting institutions applying for certification of endorsement, pursuant to chapter ninety-seven, laws of one thousand nine hundred and fourteen, and chapter one hundred and eighteen, laws of one thousand nine hundred and fourteen, one thousand five hundred dollars.

Agents' Salary and  
Expenses 34 L

#### STATE BOARD OF TENEMENT HOUSE SUPERVISION.

For clerical service and stenographer, five thousand four hundred dollars;

Clerical Service,  
Stenographer 36 C

For salary of architect and plan examiner, one thousand eight hundred dollars;

Salary of Architect  
and Plan Examiner 36 D

For salary of chief inspector, one thousand four hundred dollars;

Chief Inspector's Salary 36 E

For thirty inspectors, one thousand two hundred dollars each, thirty-six thousand dollars;

Salaries, Thirty Ins-  
pectors 36 F

For assistant plan examiner, one thousand three hundred and fifty dollars;

Assistant Plan Ex-  
aminer's Salary 36 G

For salaries of six clerks, nine thousand dollars;

Salaries, Six Clerks 36 H

For secretary and executive officer, three thousand six hundred dollars;

Salary of Secretary  
and Executive Of-  
ficer 36 I

For inspectors' expenses, four thousand dollars;

Inspectors' Expenses 36 K

For traveling expenses of executive officer and plan examiners, three hundred and fifty dollars;

Traveling Expenses,  
Executive Officer  
and Plan Exami-  
ners 36 L

For expenses of members of the Board of Tenement House Supervision, four hundred dollars.

Members' Expenses 36 M

#### DEPARTMENT OF PUBLIC REPORTS.

For salary of Commissioner of Public Reports, two thousand dollars;

Commissioner's Sal-  
ary 39 A

For salary of clerk, six hundred dollars.

Clerk's Salary 39 B



INVESTIGATION OF HUDSON COUNTY  
TUBERCULOSIS HOSPITAL.

To Clarence Sackett, for services rendered and expenses incurred to June fourth, one thousand nine hundred and thirteen, in connection with the investigation of the Hudson County Tuberculosis Hospital, three hundred and fifty-four dollars.

Services and Ex-  
penses, Claim of  
1913 40 A

## BOARD OF COMMERCE AND NAVIGATION.

For continuation of work of construction of Bay-Head-Manasquan river canal, fifty thousand dollars.

Bay Head-Manasquan  
Canal 41 B

## COMMISSIONER OF EDUCATION.

For salary of commissioner, ten thousand dollars;

Commissioner's  
Salary 44 A

For salaries of four assistants, eighteen thousand dollars;

Salaries of Four As-  
sistants 44 B

For clerical services, twenty-one thousand six hundred and seventy dollars;

Clerical Services 44 C

For salary of inspector of buildings, two thousand five hundred dollars;

Building Inspector's  
Salary 44 D

For salary of inspector of accounts, two thousand five hundred dollars;

Inspector of Accounts,  
Salary 44 E

For Teachers' Pensions pursuant to chapter two hundred and sixty-eight, laws of one thousand nine hundred and fourteen.

Teachers' Pensions 44 J

## STATE NORMAL SCHOOL AT TRENTON.

For extra compensation to the teachers in the various school districts in this State for training the pupils in the State Normal School at Trenton in the art of teaching, and for necessary expenses for supervising the same, ten thousand dollars; payments under this account to be made pursuant to chapter sixty-five, laws of one thousand nine hundred and nine.

Extra Compensation,  
Practice Teaching  
and Supervision 45 C

## STATE NORMAL SCHOOL AT MONTCLAIR.

For extra compensation to the teachers in the various school districts of the State for training the pupils of the State Normal School at Montclair in the art of teaching and for traveling expenses of the Normal School teachers in supervising said training, twelve thousand five hundred dollars; payments under this account to be made pursuant to chapter sixty-five, laws of one thousand nine hundred and nine.

Extra Compensation,  
Practice Teaching  
and Expenses of  
Supervision 46 D

## STATE NORMAL SCHOOL AT NEWARK.

For extra compensation to the teachers in the various school districts in this State for training the pupils in the State Normal School at Newark in the art of teaching, and for necessary expenses for supervising the same, thirteen thousand seven hundred and fifty dollars; the moneys in this item appropriated to be deducted in the same manner as the moneys appropriated to normal schools are required to be deducted pursuant to chapter sixty-five, laws of one thousand nine hundred and nine.

Extra Compensation,  
Practice Teaching  
and Expenses of  
Supervision 47 C

## NEW JERSEY SCHOOL FOR THE DEAF.

For the erection of a south wing (fireproof) to contain locker-room, sitting-room and dormitories for girls, forty thousand dollars.

Erection of South  
Wing 48 A

MANUAL TRAINING AND INDUSTRIAL  
SCHOOL FOR COLORED YOUTH.

For a trade building to be known as the "Samuel W. Gordon Trade Building," twelve thousand dollars;

Samuel W. Gordon  
Trade Building 49 B

For materials for permanent improvements, work to be done by the students as a part of their industrial training, one thousand dollars; payments under this account to be made pursuant to chapter sixty-five, laws of one thousand nine hundred and nine.

Materials for Perma-  
nent Improvements 49 F

## COUNTY SUPERINTENDENTS.

For county superintendents of schools, for salaries, sixty-three thousand dollars; payment to be made pursuant to chapter sixty-five, laws of one thousand nine hundred and nine.

Salaries 50 A

## INDUSTRIAL EDUCATION.

For payments to schools established for industrial education, pursuant to chapter seventy-eight, laws of one thousand nine hundred and nine, thirty thousand dollars;

Payments to Schools  
for Industrial Edu-  
cation 52 A

For payments to schools for manual training, pursuant to article twenty-two, section two hundred and thirty, school law of one thousand nine hundred and three, two hundred and ten thousand dollars. Of the amount hereby appropriated so much thereof as may be necessary shall be available for payment of allowances due school districts previous to the current fiscal year.

Payments to Schools  
for Manual Train-  
ing 52 B

## VOCATIONAL SCHOOLS.

For the purpose of carrying into effect the provisions of chapter seventy-six, laws of one thousand nine hundred and sixteen, forty thousand dollars.

Vocational Schools 53 A

## EVENING SCHOOLS FOR FOREIGN-BORN RESIDENTS.

For the purpose of carrying out the provisions of an act entitled "An act providing for the establishment of evening schools for foreign-born residents in the State of New Jersey," approved April eleventh, one thousand nine hundred and seven, five thousand dollars; payment to be made pursuant to chapter sixty-five, laws of one thousand nine hundred and nine.

For Evening Schools,  
Foreign-Born Resi- 54 A  
dents

## TEACHERS' RETIREMENT FUND.

For clerical services, two thousand six hundred dollars.

To State Treasurer,  
for Clerical Services 55 B

## TEACHERS' LIBRARIES.

For the establishment and maintenance of libraries for use of teachers, four hundred dollars.

Establishment and  
Maintenance 57 A

## STATE HOSPITALS.

For traveling expenses of managers, eight hundred dollars.

Manager's Expenses 60 A

## STATE HOSPITAL AT MORRIS PLAINS.

For salaries of officers, twenty-five thousand nine hundred dollars;

Salaries of Officers 61 B

For David Honeyman, for services, two hundred and twenty dollars.

David Honeyman,  
Services 61 Q

## STATE HOSPITAL AT TRENTON.

For salaries of officers, twenty-three thousand dollars;

Salaries of Officers 62 B

For repairing two summer houses and walks, five hundred dollars;

Repairing Two Sum-  
mer Houses, Walks 62 N

For new roof for house at Hunt farm, five hundred dollars;

New Roof, Hunt  
Farm House 62 Q

To complete the erection of a house of detention for convict or criminal insane, pursuant to chapter two hundred and sixty-one, laws of one thousand nine hundred and eleven, one hundred and ten thousand dollars.

Complete Erection  
House of Detention 62 V

## COUNTY LUNATIC ASYLUMS.

For the support of county patients in the Essex county lunatic asylum, one hundred and seventy-five thousand dollars;

Support, Essex Co. 63 A

In the Hudson county lunatic asylum, eighty thousand dollars;	Support, Hudson Co.	63 B
In the Camden county lunatic asylum, twenty-five thousand dollars;	Support, Camden Co.	63 C
In the Burlington county lunatic asylum, fifteen thousand dollars;	Support, Burlington Co.	63 D
In the Passaic county lunatic asylum, four thousand dollars;	Support, Passaic Co.	63 E
In the Gloucester county lunatic asylum, eight hundred dollars;	Support, Gloucester Co.	63 F
In the Cumberland county lunatic asylum, thirteen thousand dollars;	Support, Cumberland Co.	63 G
In the Salem county lunatic asylum, eight hundred dollars;	Support, Salem Co.	63 H
In the Atlantic county lunatic asylum, eleven thousand five hundred dollars.	Support, Atlantic Co.	63 I

## STATE PRISON.

For the principal keeper, for salary, three thousand five hundred dollars;	Salary Principal Keeper	64 E
For the physicians, deputy keepers and employees at prison and prison farm, for salaries, one hundred nineteen thousand two hundred dollars;	Salaries Sub. Officers and Employees	64 F
For the six inspectors, for salaries, three thousand dollars;	Inspectors' Salaries	64 G
For traveling expenses of the Board of Inspectors, one thousand dollars;	Inspectors' Expenses	64 H
For the keeper, for payments to discharged convicts, three thousand five hundred dollars;	Discharged Convicts	64 I
For teachers and moral instructors to the convicts in the State Prison, for salary, two thousand four hundred dollars;	Salaries Teachers, Moral Instructors	64 J
For traveling and other necessary expenses incurred by the parole agent, pursuant to chapter two hundred and thirty-two, laws of one thousand nine hundred and five, five hundred dollars;	Expenses of Parole Agent	64 K
For the purpose of carrying out the provisions of chapter three hundred and seventy-two, laws of one thousand nine hundred and eleven, and amendments thereof and supplements thereto, or in the advent of any law creating a revolving fund or capital account for purposes of the State use system for manufacturing at the State Prison, ten thousand dollars;	Prison Labor Account	64 O
For transportation of prisoners and guards to and from farm and camps, one thousand five hundred dollars;	Transportation, Farm and Camps, etc.	64 V
For dining-room and bake oven at the prison farm, two thousand five hundred dollars;	Dining Room, Bake Oven, Farm	64 AA

For assessment levied upon the Street Assessment,  
prison property by the city of Tren- City of Trenton 64 BB  
ton, February twenty-seventh, one  
thousand nine hundred and fourteen,  
for the paving of Second street, be-  
tween Federal and Cass streets, two  
thousand seven hundred eighty-one  
dollars;

For payment of claim of Eckerson Eckerson Company,  
Company, for butterine furnished Claim, 64 CC  
prison farm between November thir-  
teenth, one thousand nine hundred  
and fourteen, and April twenty-first  
one thousand nine hundred and fif-  
teen, one hundred and twenty dollars.

## NEW JERSEY REFORMATORY.

For traveling and other official ex- Expenses of Commis-  
penses of commissioners, five hundred sioners 65 A  
dollars;

For the superintendent, for salary, Superintendent's Sal-  
four thousand dollars; ary 65 B

For the subordinate officers and em- Salaries, Subordinate  
ployees, for salaries, sixty-six thou- Officers, Employees 65 C  
sand dollars;

For the superintendent, for pay- Discharged Inmates,  
ments to discharged inmates and re- etc. 65 F  
capturing escapes, five thousand dol-  
lars;

For traveling expenses of parole of- Expenses, Parole Of-  
ficers, one thousand eight hundred ficers 65 G  
dollars;

To the superintendent, an additional Superintendent, Ad-  
allowance for salary in lieu of the ditional Allowance  
State providing a house of residence for Salary 65 J  
as contemplated by statute, six hun-  
dred and sixty dollars;

For traveling expenses for superin- Expenses, Superin-  
tendent when on official business, two tendent 65 K  
hundred dollars;

For working capital for State use Working Capital,  
system of prison labor, fifteen thou- State Use 65 L  
sand dollars;

For payments to inmates for wages Inmates' Wages 65 M  
for carrying out the provisions of  
chapter two hundred sixty-nine, laws  
of one thousand nine hundred and  
fourteen, two thousand dollars;

## STATE HOME FOR BOYS.

For the trustees of said home, for Trustees' Expenses 66 B  
expenses incurred by them in the dis-  
charge of their duties, three hun-  
dred dollars;

For ventilating dormitory and Ventilating Dormi-  
chapel, one thousand nine hundred tory and Chapel 66 G  
and fifteen dollars.



## STATE HOME FOR GIRLS.

For salaries of employees, twenty thousand dollars; Salaries Employees 67 B

For the trustees of said home, for expenses incurred in the discharge of their duties, five hundred dollars; Trustees' Expenses 67 C

For salaries and expenses of three parole officers, three thousand sixty dollars. Salaries, Expenses, Parole Officers 67 D

## SANATORIUM FOR TUBERCULOUS DISEASES.

For a building to be used as garage and paint shop, three thousand dollars. Garage and Paint Shop 69 B

## BLIND AND FEEBLE-MINDED.

For clothing, maintenance, support and instruction of the blind persons, inhabitants of this State, twenty-four thousand dollars; Clothing, maintenance, etc., of Blind 70 A

For clothing, maintenance, support and instruction of the feeble-minded persons, inhabitants of this State, one hundred thousand dollars; Clothing, Maintenance, etc., of Feeble-Minded 70 B

For housing, care and maintenance of feeble-minded children, including feeble-minded blind and other special cases, two thousand dollars, at a per capita not to exceed four hundred dollars per annum; Housing, Care, Maintenance of Feeble-Minded Children, etc. 70 C

For the care of feeble-minded cases in colonies maintained for that purpose at a rate not to exceed two hundred and thirty dollars per annum, ten thousand dollars; Care Feeble - Minded in Colonies 70 D

For tuition for the higher education of the blind as provided for in chapter three hundred and thirty-six, laws of one thousand nine hundred and twelve, one thousand dollars. Tuition 70 E

## STATE INSTITUTION FOR FEEBLE-MINDED.

For remodeling laundry for school building, seven thousand five hundred dollars. Remodeling Laundry for School Building 71 G

## STATE REFORMATORY FOR WOMEN.

For salaries of officers and employees, seven thousand five hundred dollars; Salaries 72 A

For the board of managers, for expenses incurred by them in the discharge of their duties, six hundred dollars; Managers' Expenses 72 C

For roads, gutters and grading, one thousand five hundred dollars; Roads, Gutters and Grading 72 D

For disciplinary cottage, four thousand dollars;	Disciplinary Cottage	72 J
For root cellar, one thousand dollars;	Root Cellar	72 K
For cottage for help, three thousand dollars.	Cottage for Help	72 M

NEW JERSEY HOME FOR DISABLED SOLDIERS, SAILORS, MARINES AND THEIR WIVES AND FOR THEIR WIDOWS, AT VINELAND

For salary of commandant, one thousand five hundred dollars;	Salary of Commandant	76 A
For salary of adjutant, one thousand dollars;	Salary of Adjutant	76 B
For salaries of assistants, twenty-one thousand dollars;	Salaries of Assistants	76 C
For traveling expenses of the board of managers, three hundred dollars.	Managers' Expenses	76 F

HOME FOR DISABLED SOLDIERS AT KEARNY.

For erecting a storehouse and warerooms for quartermaster, commissary and other stores, four thousand five hundred dollars.	Storehouse and Warerooms	77 C
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SOLDIERS' STATE PAY.

For claims of volunteers in the Civil War, for State pay, pursuant to chapter thirteen of the laws of one thousand eight hundred and sixty-one fifty dollars.	Claims Volunteers Civil War, etc.	78 A
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STATE AGRICULTURAL COLLEGE.

To the treasurer of Rutgers College, to pay the State Agricultural College for the benefit of agriculture and the mechanic arts, pursuant to chapter ninety of the laws of one thousand nine hundred and five, and amendments thereto, thirty-five thousand dollars, payment to be made pursuant to chapter sixty-five, laws of one thousand nine hundred and nine;	Expenses	81 A
To the treasurer of Rutgers College, for interest on one hundred and sixteen thousand dollars, certificates of indebtedness of the State of New Jersey, due January first and July first, one thousand nine hundred and seventeen, pursuant to the provisions of chapter one hundred and thirty-five of the laws of one thousand eight hundred and ninety-six, five thousand eight hundred dollars;	Interest, Agricultural College Fund	81 N

For the Board of Visitors to the Agricultural College of New Jersey, for personal expenses incurred pursuant to chapter three hundred and sixty-five of the laws of one thousand eight hundred and seventy-three, fifty dollars.

Board of Visitors' Expenses 81 O

COMMISSION FOR REVISION OF LAWS CONCERNING THE INSANE.

For Raymond L. Mahony, secretary to the State Commission for the Revision of Laws Concerning the Insane, services as secretary and for assistants to commission, disbursements for stenographic and clerical assistance, traveling expenses and supplies, five hundred dollars.

Raymond L. Mahony, Claim 84 A

STATE SCHOOL TAX.

For the purpose of reducing the State school tax to be assessed for the year one thousand nine hundred and seventeen, one hundred thousand dollars.

Reducing State School Tax 87 A

REFUNDING TAXES ON MISCELLANEOUS CORPORATIONS.

For taxes improperly levied upon or paid by corporations, to be refunded, pursuant to law, one thousand dollars.

Refunding Corporation Taxes 89 A

REFUND OF RAILROAD TAX.

The Comptroller of the Treasury is hereby authorized and empowered to adjust and repay any overpayment of tax assessed and penalty thereon for any year, pursuant to chapter two hundred and eighty-eight, laws of one thousand eight hundred and eighty-eight, and the acts amendatory thereof and supplementary thereto, made by any railroad and canal company, and the State Treasurer is directed to pay warrants therefor issued by the Comptroller, said payments shall be deducted from the amount originally paid into and remaining undistributed in the treasury of the State, and the amount of money necessary for such purpose as ascertained is hereby appropriated.

Refunding Railroad Taxes 90 A

LEGISLATURE.

For the compensation of Senators and members of the General Assembly, forty thousand eight hundred and thirty-three dollars and thirty-two cents;

Compensation Senators and Members General Assembly 91 A

For compensation of officers and employees of the Legislature, forty-nine thousand four hundred and fifty dollars.

Compensation Officers and Employees 91 B

## PRINTING.

For compensation of an expert printer for services in preparation of specification for bids, supervision of work, examination of bills, and such other duties as may by law be imposed upon him, nine hundred dollars;	Compensation Expert Printer	93 B
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## PENSIONS.

For amount required to pay pensions, pursuant to various acts relative thereto irrespective of any provision therein that pensions shall be made in the appropriation or tax levy for the department of the public service from which the pensioner shall be so retired, fifteen thousand dollars;	Pensions	96 A
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For allowance to Walter B. English, a pensioner of this State, as commutation for two hands lost at Trenton, New Jersey, October twenty-fifth, one thousand eight hundred and ninety-nine, one hundred dollars.	Walter B. English, Allowance	96 B
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## JUDICIAL RETIREMENT FUND.

For the purpose of carrying out the provisions of chapter three hundred and thirteen, laws of one thousand nine hundred and eight, and chapter one hundred and eighty-five, laws of one thousand nine hundred and eleven, ten thousand three hundred and thirty-three dollars and thirty-three cents.	Pensions, Judiciary	97 A
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## ANNUITY FOR WIDOWS OF GOVERNORS.

For the purpose of carrying into effect the provisions of chapter one hundred and forty-six of the laws of one thousand nine hundred and twelve, two thousand four hundred dollars.	Pensions, Governors' Widows	98 A
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## COMMISSIONERS OF THE PALISADES INTERSTATE PARK.

For the purpose of carrying into effect the provisions of chapter one hundred and twenty-four, laws of one thousand nine hundred and ten, seventy-five thousand dollars.	Purpose Chap. 124, Laws 1910	100 B
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## HEALTH OFFICERS OF THE PORT OF PERTH AMBOY.

For the salary of the health officer of the port of Perth Amboy, pursuant to chapter three hundred and twenty-eight, laws of one thousand nine hundred and six, one thousand dollars;	Salary Health Officer	102 A
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For salary of deputy health officer of the port of Perth Amboy, pursuant to said chapter, two hundred and fifty dollars.	Salary of Deputy	102 B
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BODIES THROWN UPON SHORES OF THE  
STATE BY SHIPWRECK.

For expenses incurred in viewing bodies cast upon shores by shipwreck, fifty dollars.	Expenses	104 A
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## BURIAL GROUNDS.

For the care and maintenance of burial grounds purchased by the state, pursuant to chapter one hun- dred and seventy-one, laws of one thousand eight hundred and ninety- eight, seventy-five dollars.	Care and Mainte- nance	105 A
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## PRISON LABOR COMMISSION.

For salary of stenographer nine hundred dollars;	Salary of Stenogra- pher	110 A
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For expenses of commissioners, one thousand dollars;	Commissioners' Ex- penses	110 C
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For salary of invesitgator, two thousand dollars;	Salary, Investigator	110 D
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For expenses of investigator, five hundred dollars.	Expenses, Investiga- tor	110 E
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## COUNTY TUBERCULOSIS HOSPITALS.

For support of patients, at the rate  
of three dollars per week, pursuant to  
chapter two hundred and seventeen,  
laws of one thousand nine hundred  
and twelve, in the following county  
hospitals:

Union county, fifteen thousand seven hundred twenty-two dollars and twenty-three cents;	Support, Union Co.	111 A
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Essex county, fourteen thousand five hundred and ninety-seven dollars;	Support, Essex Co.	111 B
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Hudson county, twelve thousand eight hundred and seventy-five dol- lars;	Support, Hudson Co.	111 C
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Camden county, four thousand four hundred seventy-three dollars;	Support, Camden Co.	111 D
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Morris county, one thousand six hundred and twenty dollars;	Support, Morris Co.	111 E
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Said amounts to include payment of  
bills prior to current fiscal year.

COMMISSION ON ELIMINATION OF TOLL  
BRIDGES.

For the purpose of carrying into ef- fect the provisions of chapter two hundred and ninety-seven, laws of one thousand nine hundred and, twelve one hundred thousand dollars.	Purchase Toll Bridges	112 B
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## WASHINGTON ROCK PARK COMMISSION.

For wood, coal and tool building, five hundred dollars.	Building	114 B
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## STATE BOARD OF EXAMINERS OF NURSES.

For the State Board of Examiners of Nurses the sum of one thousand and eighty-one dollars, being a refund of balance on hand May thirty-first, one thousand nine hundred and thirteen, paid into the State treasury.

Refund	119 A
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## FIRST SUPPLEMENT TO COMPILED STATUTES.

For five hundred copies of the first supplement to the Compiled Statutes of New Jersey, pursuant to the provisions of chapter fifty-six, laws of one thousand nine hundred and sixteen, seven thousand five hundred dollars.

Supplement to Compiled Statutes	121 A
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## RED BANK BATTLE MONUMENT.

To the board of chosen freeholders of the county of Gloucester, for the purpose of aiding in the care and supervision of the Red Bank Battle Monument in said county, and in the maintenance of the ground upon which the same is located with which they are charged by the provisions of chapter seventy-nine, laws of one thousand nine hundred and five, five hundred dollars.

For aid in Care and maintenance of Monument	123 A
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## FREE PUBLIC SCHOOLS.

For the support of the free public schools, two hundred and fifty thousand dollars.

Income of School Fund.	
Support Free Public Schools	1 School

## PREMIUMS AND ACCRUED INTEREST.

There shall be paid from the income of the school fund such sums required to pay premiums and accrued interest on bonds purchased by the trustees for the support of public schools.

Premiums and Accrued Interest	2 School
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The 1917 Appropriation Act contains an appropriation made to the Manual Training and Industrial School for Colored Youth, which is difficult of construction, in the light of the Purchasing Act, which declares that nothing contained therein shall apply to the erection or construction of any building, or addition thereto, or alteration or repair thereof, as distinguished from the furnishing or equipment or maintenance thereof, nor to the performance of any like work. This appropriation reads: "For materials for permanent improvements, work to be done by the students as part of their industrial training." The amount involved in this case is only One Thousand Dollars, but an appropriation so worded might prevent your Commission from purchasing the materials comprehended within its scope, and therefore I advise that the matter be brought to the attention of the Legislature, so that it may hereafter definitely state its policy.

When the detailed applications required by Section 12 of the Purchasing Act have been filed with the Purchasing Agent, and the schedules prepared by him and submitted to your Commission for consideration, the Commission is required to immediately requisition the State Comptroller for the amount of money estimated to be necessary to defray the cost thereof, indicating the appropriation against which the proposed purchases will be charged.

It was undoubtedly the intention of the authors of the Purchasing Act to require all departments and institutions to comprehend within the detailed schedules required by Section 12 everything needed for their use during the contractual period fixed by your Commission.

This department, in the operation of the Requisition Act, required and urged departments and institutions to budget out their appropriations and make proper requisitions therefor, as otherwise it seemed impossible for these departments and institutions to comprehend at any one time everything needed by them during any period. As the divisions of the government gradually formed the habit of budgeting their expenses during the operation of the Requisition Act, they found it possible to anticipate every expenditure, even emergencies, but they were never required to make estimates and file requisitions before they received bids. It does not seem possible that your Commission will be able to comply with this provision in the statute at the time the schedules are before you for consideration and at the time of their adoption. You will be entirely without information as to the actual market cost of the articles listed thereon. I have therefore prepared a form of requisition estimate to be filed by your Commission in compliance with this section of the statute. I am submitting it herewith.



I am frank to say that I do not believe it will be of any value. It should, however, be filed with the Comptroller of the Treasury; in order to comply with the act. I advise, however, that upon the receipt of the proposals to furnish the articles listed on the schedules adopted by your Commission, and the award of contracts, they be followed up with requisitions made by the Purchasing Agent upon the Comptroller estimating the amount necessary to defray the cost thereof, and indicating the appropriations against which the proposed purchases are to be charged, based on the prices submitted by vendors to your Commission. The requisition reservation will then be made more intelligently than the way the statute provides, as the prices bid, upon which the awards of contract will be based, will be defined.

Herewith find form of estimate to be made by the Purchasing Agent in connection with schedules adopted by your Commission. The form of schedules will be found in the Plan of Purchasing submitted by the Purchasing Agent.

Schedule No.....

(date)

When we have arrived at this point the situation will be that the books of the Comptroller will show by the Appropriation Reserve and the Budget Estimate Reserve the total Requisition Reserve available for use by the State House Commission and State Purchasing Agent.



STATE OF NEW JERSEY, COMPTROLLER OF THE TREASURY, FISCAL YEAR.....

REQUISITION RESERVE

Form R. R. B.

Established by Budget Estimates of Appropriation Items Sheets Nos.....

Established by Appropriation

tion ..... \$.....

Items and Account Nos.....

.....

.....

Total.....

.....

Total

Date	P. A. Req. No.	Div. Req. No.	Acct. No.	Dr. Amount	Appropriation Balance	Cr. Reserve	Balance	Transfers and Cancellations			Date	Disbursements		
								B-E Div. Acct. No.	Items	Amounts		Req. No.	Warrant Amount	Balance
										Dr. Cr. Bal.				

Form R. R. A.

STATE OF NEW JERSEY—DEPARTMENT OF COMPTROLLER OF THE TREASURY

Sheet No.....

Appropriations and Budgeted Amounts included in Requisition Reserve

Date	Item No.	Chapter P. L.	Institution Department	Appropriation Title	Amount	Budget Distribution				Requisition Reserve, Chapter 68, P. L. 1916.
						Salaries and Wages A	Repairs B	Traveling Expenses C	Chapter 68, P. L. 1916 D	
					\$	\$	\$	\$	E	\$

The Purchasing Agent, having requisitioned the amount shown by the detailed applications at the prices bid or established necessary for each department, will advise the Comptroller of the Treasury of the total amount involved in the contracts affecting each department and institution, and from the requisition reserve which will comprehend the total amount available for purchases by your Commission and the State Purchasing Agent, a contract reserve will be set up against which will be charged the total amount of the contracts entered into by the Purchasing Agent. The balance will be available for purchases other than contract purchases of articles listed in the detailed applications submitted and approved by your Commission, but for which no contracts have been entered into, either by reason of the fact that no bids were received, or that it was impossible to contract for the same; and all articles that may, perchance, not be listed or enumerated among the needs of the institutions or departments for the contractual period, when requisitioned upon the Purchasing Agent, may then be included in a requisition to be filed by him and charged against this requisition reserve.

Herewith is submitted a form of contract reserve for this purpose.





This disposes of the financial features of the Plan of Purchase, with the exception of the Petty Cash feature of Institutional management and the detail of payment of obligations as they are incurred, the method of pre-audit, audit and payment. All of these are detailed in the Plan of Purchase. The Petty Cash situation follows.

### PETTY CASH.

The existing statutes provide that any department or institution of the state receiving from the state for its maintenance an annual appropriation of state funds may, for the purpose of paying such current expenses of maintenance, requiring a prompt cash outlay, establish a petty cash expense fund. This fund has been used in the past for the purchase of small articles required for maintenance and for wages for discharged employees. The labor problem in the institutions has been a serious one. In one institution quite recently the amount involved in payments to discharged employees in one month aggregated upwards of \$1900.00. At the same time there have been abuses in the use of this fund, and some institutions have made disbursements for items that were not properly chargeable to the Petty Cash Account.

I have gone over this situation very carefully, and I am satisfied that this fund should be divided into two parts. The institutions should be allowed a petty cash fund for discharged employees, which should be included in the estimates made by them and heretofore referred to as the budget estimate for salaries and wages. This should be made directly to these institutions for use for this purpose.

In order to establish a petty cash fund for the purpose of making purchases requiring immediate cash payment,—the other use of this fund, I will fix the amount in the case of each institution according to its needs for both purposes, within the limitations of the statute. The amount so fixed will be divided as outlined, and charged to its appropriate division in the Budget Estimate; in the first instance being charged to the Budget Estimate amount for "Salaries and Wages," and in the second to the Budget Estimate amount for "Supplies."

I am quite satisfied that no institution in the state needs for maintenance purposes solely a petty cash fund exceeding \$250.00. The largest institution in the state,—the State Hospital at Morris Plains, very rarely needs cash in excess of that amount, although it uses the largest sum of petty cash for payments to discharged employees. Institutions will, therefore, requisition for petty cash in a sum not to exceed \$250, in addition to the amount needed for payments to discharged employees.

(Following is the form for Petty Cash)

In triplicate—

1. Using Agency.
2. Comptroller.
3.        "

STATE OF NEW JERSEY,

.....191...

PETTY CASH EXPENSE FUND.

Pursuant to Chapter 262, laws of 1915, and subject to the conditions thereof, application is hereby made to the Comptroller of the Treasury for the purpose of a



Petty Cash Expense Fund as contemplated by said act, for an amount not exceeding....., as per resolution of the management of the.....passed at a meeting thereof held....., 191....

The amount necessary for the payment of wages to discharged employees will be .....\$/100 Dollars

The amount necessary for disbursements requiring immediate cash payment will be .....\$/100 Dollars

The total will be .....\$/100 Dollars

(Secretary.)

(Title and address of fiscal officer to whom check shall be sent for payments to discharged employees.)

The check for petty cash disbursements on account of maintenance shall be sent to the State Purchasing Agent, Trenton, N. J.

After the schedules prepared by the Purchasing Agent have been advertised and contracts entered into, it appears to be the intent of the Purchasing Act that the requisitions shall be made upon the Purchasing Agent. As it is expected that by November 1st he will have filed requisitions covering the total amount of contracts, thereby setting up a contract reserve, it will be unnecessary for him to make further requisition on this department for contracts until he has exhausted the amount of the contract reserve during the first contractual period, except for non-contract purchases which will be charged against the amount that is set aside in the requisition reserve, covering both the contract reserve and the balance of the amounts available for purchase by your Commission. The purchasing will then be entirely confined within the purchasing department.

As the Requisition Act had developed the necessity for a pre-audit of transactions, and as that would naturally come within the scope of the purchasing department, this work engaged the attention of the Bureaus of Audit and Requisition of the department of the Comptroller of the Treasury. Invoices of shipments to divisions of the government are forwarded to those Bureaus on receipt of purchases. By the consolidation of these bureaus with the Purchasing Department, already referred to, the possible duplication of work will be prevented.

The details of this consolidation will be worked out in a comprehensive manner with your Commission, involving, as it does, transfer of employees and of balances in appropriation.

The purchasing plan, after the purchases have been made, has been so co-ordinated to the plan previously in effect by the operation of the Requisition Act, as to involve as little disturbance of conditions between financial officers and institutions and departments as it was possible to make.

There are two other financial features difficult of solution in connection with the purchasing plan. Both of them are due to the fact that the following institutions are supported by earnings which are available monthly:

- State Hospital, Trenton,
- State Hospital, Morris Plains,
- Home for Girls,
- Reformatory for Women,

State Institution for Feeble-Minded,  
State Board of Colonies for Feeble-Minded Males.

The statutes governing the administration of these institutions provide that they shall be made allowances at specified rates by reason of various classifications of inmates, based upon the period of in-macy, or for inmates at per capita rates. It is further provided by statute that these allowances shall be available monthly. Chapters 3 and 283 of the Laws of 1916 prohibit the Comptroller from approving requisitions in excess of the available cash balances to the credit of institutions and departments. Unless these institutions begin the year with a cash balance their margin of credit is small until sufficient time has elapsed after November 1st of each year to permit them to accumulate their allowances.

The Purchasing Agent cannot, therefore, include in these schedules the estimated amount of articles needed by these institutions, except with the provision that payments therefor can only be made monthly. Until legislative action relieving this condition can be had, it has seemed to be best to base their transactions upon the prices obtained by competitive bidding, based on estimates for similar institutions. Likewise, the Board of Fish and Game Commissioners, the Boarding Schools at Trenton and Montclair, and those appropriations of the Agricultural Experiment Station which are based on receipts, cannot be anticipated, and their transactions will be handled in the same manner as those of the earning institutions, credit being given only when cash is available.

After the purchases are made by the Purchasing Agent and orders are issued for delivery of goods or supplies to any of these institutions or departments, the transactions cannot be advanced to payment in the same manner that the transactions made by the Purchasing Agent in connection with institutions or departments whose appropriations are immediately available, as unless there is a cash balance to their credit the bills cannot be paid. The accounts will have to be held, therefore, until the money is in hand and the transactions closed, as at present, on schedules. Payment can be made monthly as the allowances to which the Institutions are entitled by the earning feature of their administration become operative. In the case of receipts, the situation is similar, credit being given monthly as receipts are deposited in the State Treasury in accordance with the statute.

The solution of the difficulties created by these features of administration can be made easy, as already indicated, by the creation of a Purchasing Fund out of which purchases may be made for cash,—the fund being recouped on the apportionment of the cost of the purchases—immediately, where balances are available, and monthly as the earning or receipt divisions of the government come into funds.

The appropriation of this Fund is essential to make the Plan of Purchase and its financing successful and workable in all its features. It is the duty of the Legislature to make it in the interest of the State.

(Signed)  
August 25, 1916.

E. I. EDWARDS,  
Comptroller of the Treasury.

TO THE GOVERNOR, STATE TREASURER, STATE COMPTROLLER,  
EX OFFICIO, CONSTITUTING THE STATE HOUSE COMMISSION.

GENTLEMEN :

A survey of the state institutions and a study of the systems of purchase in force in other states have convinced me that the plan which has been formulated and which I am herewith presenting to your Commission as the method of purchasing, in accordance with the provisions of Chapter 68, P. L. 1916, is the most effective and practical one that can be adopted by your Commission while the present conditions obtain.

The lack of warehouse facilities at the command of your Commission and the Purchasing Agent, due to the fact that the Legislature did not provide an appropriation for this purpose, together with the restricted storage accommodations, refrigerator capacity, and refrigerating conditions now existing in the institutions and departments, prevents the presentation of a plan whereby the transactions involved by the establishment of a purchasing system might be amplified with more economical and advantageous results than in the one proposed.

The additional difficulty with which your Commission and the Purchasing Agent are confronted, through lack of appropriation for making purchases for cash, prevents the adoption of any system other than the one herewith presented. In addition, the Comptroller will indicate to you the financial difficulties met in arranging for the financing of any purchasing system that might be established.

I am also presenting, in another communication, tentative rules and regulations necessary or proper for the execution of the objects of the Act and of the plan of purchase formulated for adoption by your Commission.

### PLAN OF PURCHASE.

#### DETAILED APPLICATIONS.

In accordance with the provisions of Section 12 of the Act, all institutions and departments are required to file with the State Purchasing Agent detailed applications for furniture, equipment, materials, printing, stationery and supplies, for the periods specified by your Commission. I have prepared a form of detailed application for use by the using agencies, which is submitted herewith.









The Comptroller and I agreed that the value of this estimate is, to say the least, doubtful. It will be extremely difficult to make a proper estimate before the receipt of proposals, which is the next step after the adoption of schedules by your Commission.

It is the plan, upon the adoption of these schedules, to advertise for proposals in the manner provided by the act, to wit:

“By advertisement for the purpose of making contracts in the manner best calculated to attract competition and advantageous prices, prescribing conditions for delivery, and like details.”

I am submitting herewith a form of advertisement, together with a form of proposal showing shipping conditions, regulations covering deliveries, etc.

FISCAL YEAR 1917.

FORM A.

OFFICE OF THE STATE PURCHASING AGENT,  
STATE HOUSE,  
TRENTON, N. J.

ADVERTISEMENT, INSTRUCTIONS FOR BIDDERS, SHIPPING AND DELIVERY INFORMATION, SPECIFICATIONS AND PROPOSALS.

ADVERTISEMENT.

SEALED PROPOSALS will be received by the State House Commission at the Assembly Chamber, State House, Trenton, N. J., on.....191....., at 10:30 A. M., for furnishing, as they may be ordered from time to time, as prescribed in specifications for the same, during the period from..... to ..... inclusive, furniture, equipment, materials, supplies, etc. described in the schedule adopted by said Commission for use of the departments, institutions and divisions of the government, copies of which are on file in the office of the Comptroller of the Treasury, Trenton, N. J.

PROPOSALS must be made in accordance with instructions and on blanks which will be furnished on application to the State Purchasing Agent, State House, Trenton, N. J.

ATTEST:

E. I. Edwards, Comptroller of  
the Treasury, Secretary.

STATE HOUSE COMMISSION,  
James F. Fielder, Governor,  
Chairman.  
By E. E. Grosscup,  
State Purchasing Agent.

INSTRUCTIONS TO BIDDERS.

The Furniture, Equipment, Materials and Supplies described in the Schedule adopted by the State House Commission are divided into classes as follows:

×	Class No.	Name of Class.	Item Nos.	
.....	1.	Table Supplies.....	1-1000	.....
.....	2.	Household Supplies .....	1000-2000	.....
.....	3.	Clothing and Clothing Material.....	2000-3000	.....
.....	4.	Repairs, Materials, etc. ....	3000-4000	.....
.....	5.	Farm, Stable and Garden .....	4000-5000	.....
.....	6.	Heat, Light and Power .....	5000-6000	.....
.....	7.	Medical and Surgical Supplies .....	6000-7000	.....
.....	8.	Miscellaneous Supplies .....	7000-8000	.....

Note.—Bidders are furnished only with specifications and proposals for classes in which they are supposed to be interested. If specifications and proposals for other classes are desired, they will be supplied on application to the State Purchasing Agent.

Proposals must be made subject to the following conditions:

- Orders for Delivery.** 1. Orders for delivery will not be issued until after the execution of the contract and until it is signed by the Comptroller of the Treasury.
- Security Required.** 2. The amount of the security for the performance of the contract shall be at least fifty per cent of the total amount for which the contract is awarded.

The Purchasing Agent will accept as satisfactory surety to the bond for the faithful performance of the contract a duly qualified surety company or a personal surety offering cash, certified check, or a bond of two individuals owning real estate, but both of the parties to the bond must qualify in twice the amount of the bond.

- Submission of Proposals.** 3. On the day and at the hour specified in the advertisement and proposal, the person or persons making a proposal shall deliver such proposal to the Purchasing Agent at the place where proposals are called for. Proposals received after the specified time will not be opened.

Each proposal must be enclosed in a sealed envelope. The envelope must be endorsed with the name and address of the person or persons making the proposal, the date of its presentation, the names of the supplies for which such proposal is made. These proposals must be made in duplicate.

- Identity of Bidders.** Proposals must be made by heads of responsible houses, pen signed.
4. Each proposal shall contain the following:
- (a) The name and place of residence of bidder. In the event that it is a firm or trade name the same shall be distinctly set forth and the name of the owner of the business shall be stated in the place provided.

(b) That the proposal is made without any previous understanding or connection with any other person making a proposal for the same purpose, and is in all respects fair and without collusion or fraud.

(c) That the person or persons submitting the proposal have no official connection with any institution or department of the state, or are not interested in the management of any institution, the moneys for the support of which are drawn in whole or in part from the Treasury of the State.

- Verification of Proposals.** 5. The proposals shall be verified by the oath in writing of the party making it that the several matters stated therein are in all respects true. If the bidder is a corporation the verification shall be made by the official of such corporation with knowledge of the facts and having authority to make such sworn statement.

- Deposits.** 6. No proposal will be considered unless it is accompanied by a deposit, which shall be in the form of money or a certified check upon one of the state or national banks of the State of New Jersey, drawn to the order of the State Treasurer. Such deposit shall be in an amount not less than five per centum of the total amount of the proposal. Within five days after the opening of the proposals the State Treasurer shall return all the deposits so made to the persons making the same, except the deposits made by the lowest three bidders. Within three days after the decision as to whom the contract is to be awarded, the State Treasurer shall return the deposits to the remaining persons making the same, except the deposit made by the bidder whose proposal has been accepted. If the successful bidder refuses or neglects, within five days after due notice that the contract has been awarded to him, to execute the contract or to furnish the required bond, the amount of deposit made by him will be forfeited to and retained by the State of New Jersey as liquidated damages for such neglect or refusal. If the successful bidder shall execute the contract and furnish the required bond within the time aforesaid, the amount of his deposit will be returned to him.

The deposit shall be enclosed in a sealed envelope, separate from that containing the proposal, and shall be addressed to the State Treasurer of New Jersey at the office of the State Treasurer, State House, Trenton, or be submitted personally upon the presentation of the bid.

**Form of  
Proposal.**

7. All proposals shall be submitted on the form furnished by the State House Commission. The bidder shall state thereon, against such items on which he desires to bid, the price per unit of measure at which he is prepared to furnish and deliver such supplies, and shall extend such totals as may be required on the schedules. In case of any discrepancy between the unit and total price, the unit price will be considered as the bid. The price asked shall be net and shall include containers, unless otherwise specified, and also the cost of delivery at the points indicated. Proposals may be made for any article in any division. Contracts will be awarded on the line item. No changes, erasures, or substitutions in the specifications will be permitted and will result in rejection of the proposal.

**Awards  
of  
Proposals.**

8. At the time and place stated, the proposals received will be publicly opened and read by the Purchasing Agent, or some one designated by him and the State Purchasing Commission. Proposals not submitted in conformity with the law and the instructions herein contained will be rejected. The contract will be awarded according to law as soon as practicable after the opening of proposals. Proposals may not be withdrawn pending the award of the contract. The State reserves the right to reject any or all proposals. The contracts will be executed on behalf of the State by the State Purchasing Agent, as provided by the statute.

**Rejection  
of Supplies.**

9. Supplies shall be delivered from time to time in such quantities and at such places as may be ordered in writing by the Purchasing Agent. Standards of weights and measures shall be those recognized as legal standards by the United States. Specified weights are net, unless otherwise stated in schedule. Supplies, when rejected, must be replaced by the contractor within five days after notice in writing, except perishable supplies, which shall be replaced within twenty-four hours, otherwise the State, through the State Purchasing Agent, reserves the right to go into the open market and purchase the supplies without further notice and charge the expense and damages suffered by the State or the using agency to the contractor by deducting the amount thereof from any moneys due or that may become due said contractor. All rejected articles must be packed and removed by the contractor immediately on receipt of notice of rejection. In the event that no moneys shall be due to the said contractor, action will be taken against his bond. The same rule will apply when articles are not furnished at the required time.

**Samples.**

10. When the specifications and schedules require that a sample of any article shall be furnished, such sample shall be delivered at the office designated prior to the opening of the proposal, and if such sample be not so furnished or if it does not conform to the quality and character required by the specifications the proposal will be rejected. Samples must be furnished as required and listed in duplicate, one copy to accompany the proposal, the other to be packed with the sample. Unless such forms are properly filled out, unaccepted samples will not be returned, but will be disposed of in such manner as deemed advisable. The samples will be retained by the Purchasing Agent during the life of the contract if considered necessary. In any case, the right is reserved to retain any sample submitted with a proposal whenever it may be considered necessary to do so for the purpose of testing, and no allowance will be made for such samples.

In the event that the specifications require a sample of any article that is to be furnished, and said article is to be used by more than one division of the government, the contractor will be required to forward samples, on receipt of the contract, to all the divisions of the government indicated



by the Purchasing Agent. An allowance will be made at the contract price for these samples. Each sample must be plainly marked with the complete item and sub-item letters and numbers of the items to which it relates, together with the name of the bidder. Should samples for more than one class of supplies be packed in a single case or bundle, each class of supplies must be placed in a separate compartment or wrapped together and distinctly marked with the proper class number.

Cases or packages containing samples must be plainly marked "samples," with the name of the bidder indicated thereon, and addressed to the State Purchasing Agent, State House, Trenton, N. J.

All charges for transportation of samples, including cartage, must be prepaid by the bidder, and no package will be received unless all charges thereon have been prepaid.

Samples, to receive consideration, must be in the custody of the Purchasing Agent at the time that proposals are opened. In order to avoid congestion, it will greatly convenience the State Purchasing Agent if bidders will, when practicable, deliver samples several days prior to the date of the opening of proposals. Samples must not be enclosed with proposals, and proposals must not be wrapped in packages with samples. When samples are referred to as a standard in the specifications, the latter will indicate plainly that the sample is on file in the office of the Purchasing Agent or at the Using Agency whose sample is established as the standard.

**Evidence of Ability.**

11. Each bidder shall, if required, submit with his proposal evidence that will prove to the satisfaction of the State Purchasing Agent that he is prepared to furnish the supplies, and possesses the necessary plant to deliver them in the manner and time specified.

**Blank Forms.**

12 Blank forms have been prepared and will be furnished to prospective bidders for the submission of their proposals. These forms and envelopes in which to submit them, together with a copy of the specifications, may be obtained at the office of the State Purchasing Agent, State House, Trenton.

**Information as to quantity, quality and points of delivery.**

13. For particulars as to the quantity and quality of supplies required, and the points where deliveries are to be made, bidders are referred to the specifications, to the schedule of quantities, to the terms of the contract generally, and in particular to that provision relating to the state's right to increase or reduce the quantity of supplies to be furnished under a contract.

**Protection from infringement.**

14. The contractor must save, keep, bear harmless, and fully indemnify the state and any of its officers from all damages or claims for damages, costs, or expenses in law or equity that may at any time arise or be set up for any infringement of the patent rights, copyright, or trade mark of any person or persons in consequence of the use by the State or by any of its officers or agents of articles to be supplied under this proposal, and of which the contractor is not the patentee or assignee or has not the lawful right to sell the same.

**Right to determine disputes. Catalogue Items.**

15. The State House Commission and the State Purchasing Agent reserve the right to decide all controversies or disputed matters, and their decision shall be final.

16. When a proposal is based on the prices contained in a catalogue or price list the list price must be stated, together with the proposal price. When discounts are quoted, only a single or flat rate will be considered.

**Additional Information.**

17. Further information relative to these contracts and proposals may be obtained at the office of the State Purchasing Agent, State House, Trenton.

# POST OFFICE ADDRESSES, SHIPPING INSTRUCTIONS, DELIVERIES, Etc.

The State Institutions are listed hereafter, wherever possible, in zones, if one or more are in a city. Where they are outside of the city limits they are not included in the zone established for that city.

## FREIGHT AND SHIPPING CONDITIONS.

INSTITUTIONS LOCATED IN THE CITY OF TRENTON.	P. O. ADDRESS	SHIPPING POINT.	FREIGHT.	EXPRESS.	DELIVERIES.
State Home for Girls	Trenton	Trenton	Phila. & Reading (own siding, for coal) P. R. R. Co.	Express Company refuses to deliver. Must do own hauling from railroads.	Meat ..... Three times a week Eggs ..... Twice a week Butter ..... Weekly Groceries ..... Monthly and semi-monthly Coal ..... As needed
State Prison	Trenton	Trenton	P. R. R. Co. Phila. & Reading. Merchants' Trans- portation Co. (Boat) Trenton Transpor- tation Co. (Boat)	Adams Express American Express Local express for hauling	Groceries ..... Monthly Lard ..... Weekly Mackerel ..... Weekly Meat ..... 1,000 lbs. daily Milk ..... 50 qts. daily Salt Pork ..... 275 lbs. weekly Scrapble ..... 530 lbs. weekly Frankfurters ..... 500 lbs. weekly Fresh Fish ..... 700 lbs. weekly Cabbage ..... 1250 lbs. weekly Onions ..... 1150 bunches weekly Eggs ..... 60 doz. weekly Butter ..... 60 lbs. every 2 weeks Potatoes ..... 125 bu. weekly Yeast ..... 21 lbs. weekly
School for the Deaf	Trenton	Trenton	P. R. R. Co. Trenton Transpor- tation Co. (Boat)	Adams Express American Express	Milk ..... Daily Fresh Meats ..... Weekly Vegetables ..... Weekly Fruits ..... Weekly Canned Goods ..... Monthly, preferably the 15th Smoked Meats ..... Monthly, preferably the 15th Dried Fruits, etc. .... Monthly, preferably the 15th
State Normal School and Boarding Hall	Trenton	Trenton	P. R. R. Co. Delaware River Transportation Co.	Adams Express American Express	Canned Goods, Coffee, etc., delivered on order



# FREIGHT AND SHIPPING CONDITIONS.

PRISON FARM AND CAMPS.	P. O. ADDRESS	SHIPPING POINT.	FREIGHT.	EXPRESS.	DELIVERIES.
Prison Farm	Leesburg	Leesburg	West Jersey & S. S. R. R.	Adams Express Local express for local hauling.	As ordered
Camp No. 1	Layton	Branchville	D., L. & W. R. R.	American Express Local express for local hauling.	As ordered
Camp No. 2	Monmouth Junction, R. F. D.	Monmouth Junction	P. R. R.	Adams Express Local express for local hauling.	As ordered
Camp No. 3	Norma	Norma	C. R. R.	American Express Local express for local hauling.	As ordered
*Camp No. 4	Newton	Newton	D., L. & W. R. R.	American Express	As ordered

\*Temporarily discontinued. It may be occupied during period of contract. In the event of organization instructions will be issued.

INSTITUTION.	P. O. ADDRESS	SHIPPING POINT.	FREIGHT.	EXPRESS.	DELIVERIES.
State Hospital at Morris Plains	Greystone Park	Morris Plains	Lackawanna R. R. (No other means of shipment except auto truck or motorless vehicles.)	Adams Express	Meats, Fresh Fish, Oysters, Clams, Eggs and Butter are delivered weekly in sufficient quantities for that period. Other supplies delivered as needed.
INSTITUTIONS LOCATED IN THE CITY OF NEWARK.					
State Normal School	Newark	Newark	Erle R. R. Branch (Newark) D., L. & W. R. R. Central R. R. P. R. R.	Adams Express	Ink, Paper, Office Supplies for full period. Shipments may be made at any time.

## FREIGHT AND SHIPPING CONDITIONS.

INSTITUTIONS ADJACENT TO THE CITY OF NEWARK.	P. O. ADDRESS	SHIPPING POINT.	FREIGHT.	EXPRESS.	DELIVERIES.
State Normal School	Montclair	Montclair Heights	Erie R. R. (Greenwood Lake Division)	Adams Express Wells-Fargo Express	As ordered
Home for Disabled Soldiers at Kearny	Harrison	Harrison	P. R. R.	Any local service	Staple Goods and Non-Perishable Articles ..... Monthly Milk ..... Daily Coffee, Butterine, Eggs, Fresh Fish, and Meats, Clams and Oysters ..... Wednesday of each week At present all shipments from Newark or New York are delivered by dealers to the Home without cost.
INSTITUTION.	P. O. ADDRESS	SHIPPING POINT.	FREIGHT.	EXPRESS.	DELIVERIES.
State Home for Boys	Jamesburg	Jamesburg and Lower Jamesburg General shipping conditions good. Freight rate to Jamesburg proper less. Carting one mile further. Lower Jamesburg most convenient and adaptable for unloading.	Penna. R. R. Two lines—Camden & Amboy and Freehold & Jamesburg Agriculture branches.	Adams Express	Fresh Meats ..... Weekly Fresh Fish ..... Weekly Groceries ..... Monthly, as needed, or for the period, in the case of staples.
New Jersey Reformatory	Rahway	Rahway	Penna. R. R. Siding for car-load lots, otherwise C. o. b. Rahway. Siding adjoining property for car-load lots of cement, manure and hard coal only. Less than carload lots must be trucked a mile and a quarter from the P. R. R. freight station.	Adams Express Co.	Meat ..... Weekly Eggs ..... Weekly General Supplies in bulk ..... May and November, at any time, as needed Perishable Goods... Daily, except Saturday afternoons and Sundays Merchandise must be delivered between the hours of 8 A. M. and 4 P. M.

Repair Supplies ... Bought as needed

# FREIGHT AND SHIPPING CONDITIONS.

INSTITUTIONS ADJACENT TO THE CITY OF TRENTON BUT OUTSIDE OF ITS LIMITS.	P. O. ADDRESS	SHIPPING POINT.	FREIGHT.	EXPRESS.	DELIVERIES.
State Hospital	Trenton, Station A	Trenton, Station A	Phila. & Reading (private siding) P. R. R. Co.	Adams Express American Express	Household Supplies. 1st to 15th of each month Repair Supplies. . . . . 1st to 15th of each month Farm and Dairy. . . . . 1st to 15th of each month Stationery . . . . . 1st to 15th of each month Medical Supplies . . . 1st to 15th of each month Groceries . . . . . During first half of each week Eggs . . . . . During first half of each week Meats, Beef . . . . . Monday and Wednesday of each week " Ham . . . . . Tuesday of each week " Mutton . . . . . Tuesday of each week Fish . . . . . To reach Institution by 7 A. M. each Friday morning Clams . . . . . By noon each Friday Oysters, in season. . . Tuesdays and Fridays
Village for Epileptics	Skillman	Skillman	Phila. & Reading (Siding) C. R. R. of N. J. and B. & O. R. R. pass on above tracks. Connection can be made at Bound Brook with the Lehigh Valley R. R. One daily freight service east and one daily freight service west.	EXPRESS. American Express Express service on 6 eastbound and 5 westbound trains daily.	Groceries and Provisions shipped by freight re- ceived weekly on or before Wednesday Fresh Meats shipped by express are received Thursday on the train arriving 7:24 A. M. or train replacing same. Fresh Fish, Oysters and Clams shipped by express are received Friday on the train arriving 7:24 A. M. or train replacing same.
Sanatorium for Tuberculous Diseases	Glen Gardner	Glen Gardner	Central R. R. of N. J.	American Express	Non-perishable sup- plies . . . . . Monthly Meats . . . . . Monday (first morning train) Butter . . . . . Monday (first morning train) Poultry . . . . . Monday (first morning train) Fish, Oysters, Clams . . . . . Thursday Fresh Fruit . . . . . Weekly Fresh Vegetables. . . Weekly Eggs . . . . . Weekly

## FREIGHT AND SHIPPING CONDITIONS.

INSTITUTIONS ADJACENT TO THE CITY OF TRENTON BUT OUTSIDE OF ITS LIMITS.	P. O. ADDRESS	SHIPPING POINT.	FREIGHT.	EXPRESS.	DELIVERIES.
Reformatory for Women (Clinton Farms)	Clinton	Clinton	Lehigh Valley R. R. Phila. & Reading Clinton Farms is 1½ miles from Clinton Station. Hauling is bad in the winter time. During the summer season all the teams are busy in the fields.	American Express. Express must be hailed by the in- stitution, since the location is outside of town limits.	Fruits, Vegetables and Meat are ordered weekly and semi-weekly. Other supplies are bought to cover a period of three months.
Manual Training and In- dustrial School	Bordertown	Bordertown	Pennsylvania R. R. Delaware Transpor- tation Co. Pennsylvania freight delivered at station twice a day, 1:30 P. M. and 4:30 P. M.	Adams Express	Fresh Meats ..... 4 times a week Fish ..... Weekly, on Thursday Groceries ..... Weekly Flour ..... Monthly Ice ..... 4 times a week
INSTITUTIONS AT VINELAND.	P. O. ADDRESS	Vineland	FREIGHT.	EXPRESS.	DELIVERIES.
Institution for Feeble- Minded	SHIPPING POINT.	Vineland	West Jersey & S. S. R. R. (Penn. R. R.) New Jersey Central	Adams Express	Fresh Meats ..... Weekly, twice Poultry ..... Weekly Special Cuts ..... As the occasion requires Groceries ..... Monthly Vegetables ..... As required, in season NOTE.—Perishable goods are always shipped via Adams Express and N. J. Central.
Home for Disabled Soldiers, Sailors, Marines and Their Wives	Vineland	Vineland	West Jersey & S. S. R. R. (Siding)	Adams Express.	On any day but Saturday Groceries, Canned Goods, Butterline, Butter ..... Monday Tea, Coffee, Cocoa ..... Tuesday Oysters, Clams ..... Friday Fish ..... Daily, except Thursday
State Colonies for Feeble- Minded Males	New Lisbon	New Lisbon	Penna. R. R.	Adams Express	Any day but Saturday. Must be carted from New Lisbon, six (6) miles. Institution to do its own hauling.

## FREIGHT AND SHIPPING CONDITIONS.

INSTITUTIONS LOCATED IN NEW BRUNSWICK.	P. O. ADDRESS	SHIPPING POINT.	FREIGHT.		EXPRESS.	DELIVERIES.
Agricultural Experiment Station	New Brunswick	New Brunswick	Penna. R. R. Co. Raritan River R. R. Middlesex Transpor- tation Co.		Adams Express American Express	No regular deliveries
Agricultural College	New Brunswick	New Brunswick	Penna. R. R. Co. Raritan River R. R. Middlesex Transpor- tation Co.		Adams Express American Express	As ordered

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NOTE.—In those cases where deliveries can only be made at the nearest railroad or freight station and the goods hauled to the institution, the point of delivery, so far as the vendor is concerned, will be the institution itself and not the railroad or freight station. The acceptance or rejection of goods will depend upon their condition when received at the institution. Vendors must not regard the railroad or freight station or point of delivery by express as the actual points of delivery. The institution will always be the actual point of delivery, so far as the acceptance or rejection of articles is concerned.



**DEPARTMENTS.****LOCATION OF OFFICES AND BRANCH OFFICES.****Departments Located in the State House.**

State Treasurer  
State Comptroller  
Secretary of State  
Department of Motor Vehicles  
Executive Department  
Board of Taxes and Assessment  
Custodian of the Capitol  
Board of Public Utility Commissioners  
Quartermaster General  
Adjutant General  
Commission on Military Training in High Schools  
Civil Service Investigating Commission  
Department of Shell Fisheries  
Board of Commerce and Navigation  
Department of Public Reports  
Clerk in Chancery  
Court of Chancery  
Court of Errors and Appeals  
Court of Pardons  
Supreme Court  
Clerk of Supreme Court  
Department of Charities and Corrections  
Prison Labor Commission  
Department of Agriculture  
Attorney General  
Fish and Game Commission  
Department of Banking and Insurance  
State Library  
Public Library Commission  
Civil Service Commission  
Commissioner of Public Roads  
State Board of Education  
Commissioner of Education  
State Board of Examiners  
Department of Labor  
Department of Conservation and Development  
Department of Health

**Departments Located in Trenton Outside the State House.**

Department of Weights and Measures, Green Bldg.  
 Economy and Efficiency Commission, Green Bldg.

**Branch Offices Located in Trenton Outside the State House.**

Engineering Department, Board of Taxes and Assessment, Green Bldg.  
 Business Department, Commissioner of Education, Green Bldg.  
 Laboratory, Green's Alley  
 Chancellor's Office, Broad St. Bank Bldg.  
 Road Office, American Mechanics Bldg.

**Offices of Departments Located Outside of Trenton.**

Board of Tenement House Supervision, 9 Clinton St., Newark, N. J.  
 Board of Children's Guardians, 15 Exchange Place, Jersey City, N. J.

**Branch Offices of Departments Located Outside of Trenton.****NEWARK.**

\*Civil Service Commission, City Hall  
 \*Department of Labor (Employers' Liability Commission), Ordway Bldg.  
 Board of Public Utility Commissioners, Kinney Bldg.

**JERSEY CITY.**

\*Civil Service Commission, City Hall  
 \*Department of Labor (Employers' Liability Division), Room 7, Post Office. Open on Thursdays  
 Board of Commerce and Navigation, 75 Montgomery St.

**Location of Courts Outside of Trenton.**

Vice-Chancellor's Chambers,	Bartlett Bldg.,	Atlantic City
"	"	Prudential Bldg., Newark
"	"	75 Montgomery St., Jersey City
"	"	Court House, Paterson
"	"	Court House, Camden
"	"	Broadway, Long Branch

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\*Supplies received at Trenton Office.

PROPOSAL.

Made by....., residing  
at (or place of business).....,  
and ..... , residing  
at (or place of business).....  
and ..... , residing  
at (or place of business).....  
composing the firm of .....

(If bidder is a  
firm, names and  
addresses of each  
member of the  
firm must be  
given).

1. ....declare that.....of  
lawful age and the only person interested in this proposal and that  
no person other than hereinabove named has any interest in this  
proposal, or in the contract proposed to be entered into.

2. ....further declare that this proposal is  
made without any connection with any other person or persons making  
a bid for the same supplies, and is in all respects fair and without  
collusion or fraud.

3. ....have examined the contract and  
specifications for the supplies, and will contract, in the form approved  
by the Attorney-General, to furnish and deliver the supplies for  
which this proposal is made, in accordance with the specifications, in  
the quantities and at the prices bid, as set forth in the schedules  
hereto annexed, which schedules, together with the points of delivery,  
specifications, and instructions to bidders, are hereby made part of  
this proposal. In the event that additional quantities are ordered in  
excess of that set forth in the specifications, it is agreed that they  
shall be furnished at the same prices and subject to the same condi-  
tions set forth and governing the original quantities.

4.....further declare that the  
total amount of.....proposal is.....  
.....dollars (\$.....)

(Signature of  
each and every  
bidder, and if bid-  
der is a corpora-  
tion, name and  
title of proper  
officer. Corpora-  
tions will affix  
corporate seal if  
practicable).

State of..... }  
County of..... } ss.:

Name(s) .....  
of .....  
bidder(s) .....

Affidavit .....  
of .....  
bidder(s) .....being severally and duly sworn, say each for himself that the several  
matters stated in the above bid are in all respects true.

(Signature .....  
of each .....  
and every .....  
bidder) .....

Subscribed and sworn to before me  
this.....day of  
....., 191...

Notary Public,.....County.



As the next step in the plan of purchase will be the award of contracts on the basis of the prices bid, I have arranged with the Attorney General for a form of contract, which is herewith submitted. This form, together with the bond, has been approved by the Attorney General and will be kept on hand so that the execution of the contracts and the filing of bonds subsequent to the awards will only be measured by the physical ability of your department to prepare the same and the necessary time required for the execution of both contract and bond.

FORM OF CONTRACT.

THIS AGREEMENT, Entered into this.....day of..... in the year of our Lord One Thousand nine hundred and..... between..... a ..... of the State of.....of the first part, and the State House Commission, by the State Purchasing Agent, acting for and in the name and behalf of the State of New Jersey, of the second part, Witnesseth.

WHEREAS, The party of the second part duly invited, by advertisement, sealed proposals for the furnishing of supplies to the divisions of the government comprehended within the provisions of Chapter 68, P. L. 1916, and

WHEREAS, The party of the first part has proposed to furnish to the party of the second part.....for the sum of.....dollars, and the party of the first part being the lowest bidder, the contract, therefore, was awarded to the said party of the first part.

Now, therefore, In consideration of the premises and of the payment by the State of New Jersey to said party of the first part of the sum of.....dollars as hereinafter provided, the parties hereto have covenanted and agreed as follows:

First. The party of the first part will furnish to the party of the second part.....for the sum of.....dollars, in accordance with specifications for said.....on file in the office of the State Purchasing Agent at the State House, Trenton, New Jersey, which said specifications, the advertisement for said supplies, and the proposal of the party of the first part, although not annexed hereto, are made a part of this contract.

Second. The State of New Jersey, in consideration of the party of the first part furnishing as aforesaid said....., will pay, or cause to be paid, to said party of the first part the aforementioned sum of.....dollars, upon the production of a certificate from the State Purchasing Agent, showing that said supplies have been furnished in all respects according to aforementioned specifications, advertisement and bid.

Third. The said party of the second part reserves the right to order a greater quantity of any of the supplies named in the said schedule than is stated therein, and it is distinctly agreed between the said parties that the price quoted in the proposal of the party of the first part shall be regarded as a standard of prices, and the total sum mentioned herein as the consideration of this contract shall not be regarded as limiting the right of said party of the second part to order a greater quantity of any of the supplies named in said schedule than is stated therein, or as in any way fixing the amount or quantity or value of supplies named in said schedule which the party of the first part is required to furnish under the terms of this agreement.



In Witness Whereof, The party of the first part has hereunto set his hand and seal, and the party of the second part has caused this agreement to be signed and sealed by the State Purchasing Agent and attested by their Secretary the day and year first above written.

Signed, sealed and delivered  
in the presence of

.....(Seal)  
(If Company or Corporation, President)

.....  
(If Company or Corporation, Secretary)

STATE HOUSE COMMISSION, STATE OF NEW JERSEY,

.....  
State Purchasing Agent.

Attest:

.....  
Secretary.

Approved as to form:

JOHN W. WESCOTT, Attorney-General.

BOND.

KNOW ALL MEN BY THESE PRESENTS, That we.....  
of....., as principal, and.....  
of....., and.....of  
.....as sureties, are held and firmly  
bound unto the State of New Jersey, in the penal sum of.....  
.....dollars, to which payment well and truly  
to be made we do bind ourselves, our and each of our heirs, executors, administrators,  
and assigns, jointly and severally, firmly by these presents.

Sealed with our seals and dated the.....day of  
....., one thousand nine hundred and.....

WHEREAS, The above bounden,.....has this day  
duly entered into a contract with the State of New Jersey, represented by the State  
House Commission, by the State Purchasing Agent, for the furnishing of.....  
.....

.....Now, Therefore,

The Condition of this Obligation is such, That if the above bounden.....  
....., shall  
faithfully perform and carry out all the terms and conditions of his said contract,  
then this obligation to be void, otherwise to be and remain in full force and virtue.

Signed, sealed and delivered  
in the presence of

.....(Seal)  
.....(Seal)  
.....(Seal)  
.....(Seal)

Approved as to form:

JOHN W. WESCOTT, Attorney-General.

Upon the filing of the requisition already referred to, based upon the proposals submitted, upon which the awards of contract are made, the total amount of these contracts will form a contract reserve, as outlined in the plan of the Comptroller. The balance of the requisition reserve which has been

set up, either from the total appropriations or from the budget estimates of the departments, institutions, and divisions of the government having consolidated appropriations, will be available for purchases other than by contract.

In the event that the proposals received do not cover necessary purchases, or that the prices are such that in the judgment of your Commission it will be to the advantage of the State to buy in the open market, a schedule showing the articles for which permission is requested to purchase in the open market will be prepared and submitted to your Commission. Thereafter, it will be my duty to buy the articles so listed either in the open market or by securing quotations from reputable dealers, or by the making of price agreements which are referred to in Section 18 of the Act.

A form of price agreement is submitted herewith; also a form of contract for open market purchases exceeding in volume the sum of One Thousand Dollars. Both of these forms have been approved by the Attorney General.

### FORM OF CONTRACT.

THIS AGREEMENT, Entered into this.....day of.....  
in the year of our Lord one Thousand nine hundred and.....  
between..... a ..... of  
the State of.....of the first part, and the  
State House Commission, by the State Purchasing Agent, acting for and in the name  
and behalf of the State of New Jersey, of the second part, Witnesseth.

WHEREAS, The using agencies have indicated to this Commission, in accordance with the provisions of Chapter 68, P. L. 1916, that certain purchases can be best made without advertisement therefor, and the State House Commission has granted the necessary permission required by Chapter 170, P. L. 1915, to avoid the necessity for advertising therefor, and

WHEREAS, The State Purchasing Agent has advised this Commission of certain articles which cannot be purchased as the result of advertising, due to the fact that no bids have been received therefor, or because those submitted were rejected, as they were not in the interests of the State, and

WHEREAS, The party of the first part has agreed to furnish the party of the second part.....  
.....for the sum of.....  
.....dollars,

Now, therefore, In consideration of the premises and of the payment by the State of New Jersey to said party of the first part of the sum of.....  
dollars, as hereinafter provided, the parties hereto have covenanted and agreed as follows:

First. The party of the first part will furnish to the party of the second part  
.....  
.....for the sum of.....  
.....dollars, in accordance with  
specifications for said.....on file in the  
office of the State Purchasing Agent at the State House, Trenton, New Jersey, which  
said specifications, and the offer or proposal of the party of the first part, although  
not annexed hereto, are made a part of this contract.

Second. The State of New Jersey, in consideration of the party of the first part  
furnishing as aforesaid said.....will pay, or cause to be  
paid, to said party of the first part the aforementioned sum of.....  
dollars, upon the production of a certificate from the State Purchasing Agent, show-  
ing that said supplies have been furnished in all respects according to aforementioned  
specifications, offer or proposal.

Third. The said party of the second part reserves the right to order a greater quantity of any of the supplies named in the said offer or proposal than is stated therein, and it is distinctly agreed between the said parties that the price quoted in the offer or proposal of the party of the first part shall be regarded as a standard of prices, and the total sum mentioned herein as the consideration of this contract shall not be regarded as limiting the right of said party of the second part to order a greater quantity of any of the supplies named in said offer or proposal than is stated therein, or as in any way fixing the amount or quantity or value of supplies named in said offer or proposal which the party of the first part is required to furnish under the terms of this agreement.

In Witness Whereof, The party of the first part has hereunto set his hand and seal, and the party of the second part has caused this agreement to be signed and sealed by the State Purchasing Agent the day and year first above written.

Signed, sealed and delivered  
in the presence of

.....(Seal)  
(If Company or Corporation, President)

.....  
(If Company or Corporation, Secretary)

STATE HOUSE COMMISSION, STATE OF NEW JERSEY.

By.....  
(State Purchasing Agent)

Form Sched. S. H. C.

Schedule No.....

TO THE STATE HOUSE COMMISSION:

I hereby certify that the following are needed by the divisions of the government as shown by the detailed applications on file in this department. I find that for reasons consistent with the operation of Chapter 170, P. L. 1915, and Chapter 68, P. L. 1916, permission should be granted by your Commission without advertisement, that the same may be purchased in the open market or "nearby."

Adopted .....  
(Date)  
S. H. C. Permission No.....  
Granted.....  
(Date)

(Date.)

..... State Purchasing Agent.

Item	Article	Standard No. Description Sample	Estimated Quantity	Estimated Cost	Using Agency	Acct. No.	Purchase Price

Upon the award of contracts or the making of price agreements, bulletins will be issued to all using agencies by me, showing in detail :

- (a) The articles, by items, to be purchased by contract, prices, etc.
- (b) The articles, by items, to be purchased in the open market, prices, etc.
- (c) The articles, by items, to be purchased by price agreements, prices, etc.

These bulletins will be issued as soon as possible after the award of contracts, giving both articles and prices for which contracts have been made by me.



FORM OF BULLETIN.  
STATE OF NEW JERSEY  
STATE HOUSE COMMISSION  
Trenton

Bulletin No.....

.....  
(Date)

To Officials, Departments, Institutions, etc.:

Notice is hereby given that the State Purchasing Agent has entered into contracts or price agreements for the articles listed below. In making requisitions, Item Nos., Contract Nos., Article and Unit Price must be stated.

.....  
State Purchasing Agent.

Contract No.	Schedule Division	Item No.	Article	Unit	Price	Contractor's Address

Other bulletins will be issued from time to time, as other methods of purchasing are established; that is to say, as open market contracts are made or price agreements entered into, bulletins will be issued giving the same information as that comprehended in the contract bulletins, whenever it is possible to do so.

It is the intention of the statute that the detailed applications shall comprehend everything needed by using agencies for the period indicated by your Commission.

The filing of the detailed application does not terminate the work of the using agency in connection with the Purchasing Agent. It is merely the filing of information upon which schedules may be prepared, proposals invited, and contracts awarded.

Using agencies will make requisition upon the Purchasing Agent, in so far as they can, thirty days prior to the beginning of each period for which detailed applications have been submitted, showing their actual needs for the first month of the period, if the period exceeds one month; or for thirty days if the period is limited to that time. That is to say, in the event that an award of contract is made for any item appearing on the detailed applications and the award covers the period beginning November 1, 1916, and ending November 30, 1916, or for the period beginning November 1, 1916, and ending January 31, 1917, using agencies will file requisitions not later than October 1st for all their needs during the month beginning November 1st and ending November 30, 1916. These requisitions will comprehend not only the articles for which the using agencies have filed detailed applications and which have become the subject of contracts, open market or price agreements, but everything that they need within the purview of the act, even though omitted from the detailed application.

It may happen that articles not listed in the detailed applications made by one using agency may appear on the detailed applications filed by another using agency and have become the subject matter of contracts. A using agency finding itself in need of any of said articles may requisition for the same in the usual manner. This requisition will be filed on a contract form if the article has been listed and made a contract item. In this way every using agency will enjoy the benefit of the prices established by competition of all articles listed in the schedules.

The requisition forms to be used by the using agencies will be divided into different classifications.

One form of requisition will be known as an "Agreement or Contract Form," and when used will only comprehend contract items. The second form will be for articles that have become the subject matter of open market purchase or non-contract items. The third form will be for "Nearby Purchases."

(The following are the forms)

1. Agreement or Contract Form.
2. Open Market Purchase or Non-Contract Form.
3. "Nearby Purchase" Form.
4. Emergency Requisitions.

The last named form has been provided to meet situations hereinafter referred to.

In quadruplicate.  
1. P. A. Copy.  
2. P. A.-Comptroller's Copy.  
3. } Using Agency Copy.  
4. }

Account No.....

Fiscal Year.....

Account Title.....

STATE OF NEW JERSEY

.....  
(Date)

.....  
(Name of department or institution)

To the State Purchasing Agent:

The following are needed by this division of the government:

All information in regard to this requisition must be written on the front or back of this sheet.

Agreement or Contract Form—Requisition.

.....  
(Name of requisition officer)

Item No.	Contract No.	Quantity on hand	Quantity Required	Description of Article.

Delivery requested on.....  
(Date)

(This form must be sent to Purchasing Agent in duplicate.)

In quadruplicate.  
1. P. A. Copy.  
2. P. A.-Comptroller's Copy.  
3. }  
4. } Using Agency Copy.

Account No.....  
Account Title.....  
.....  
.....  
(Date)

Fiscal Year.....  
STATE OF NEW JERSEY  
.....  
(Name of department or institution)

U. A. No.....  
P. A. Req. No.....  
O. M. O. } No.....  
Non-Contract }  
P. A. Order No.....

To the State Purchasing Agent:

The following are needed by this division of the government:

All information in regard to this requisition must be written on the front or back of this sheet.

Open Market Order or Non-Contract Form—Requisition.

.....  
(Name of requisition officer)

Item No.	Quantity on hand	Quantity Required	Description of Article.	Disposition.

Delivery requested on.....  
(Date)

(This form must be sent to Purchasing Agent in duplicate.)

- 1. P. A. Comptroller.
- 2. P. A. Using Agency.
- 3 & 4.

“Nearby Purchase Requisition”

U. A. Req. No.....

Acct. No.....

Title.....

Fiscal Year.....

STATE OF NEW JERSEY

(Name of department or institution)

P. A. Order No.....

P. A. Req. No.....

Amount, \$.....

State House Commission:

The following articles needed by this division of the government can be purchased “Nearby” to the advantage of the State at a cost not to exceed \$.....

..... (Title of Official)

Quantity on Hand	Quantity Required	Article	Unit	Price	Total	State name and address of vendor making quotation.	
						Vendor	Address

All information in regard to this requisition must be written on front or back of this form.

(over)

Deliveries needed.....  
(Date)  
(This form must be sent to Purchasing Agent in DUPLICATE.)



In the event that articles are needed which are within the purview of the Purchasing Act, which have not been listed by any of the departments on a schedule and for which no price has been established, upon the filing of a requisition for their purchase the Purchasing Agent will request quotations from the dealers in the following manner:

1. P. A. Copy.  
2. P. A.-Comptroller's Copy.  
3 & 4. Using Agency Copy.

(Form of Quotation Request.)

Order No.....  
P. A. Req. No.....  
STATE HOUSE COMMISSION  
OFFICE OF STATE PURCHASING AGENT  
Trenton, N. J.

U. A. Req. No.....  
Account No.....  
Account Title.....  
(Date)

This is not an order

To.....  
Address.....

Please quote and insert below lowest prices and cash discount on all or any portion of the material or articles described below, delivered F. O. B., with no charge for packing or cartage. Transportation charges must be prepaid. Institution or department weights or measures to govern.

Very truly yours,  
STATE HOUSE COMMISSION,

By.....  
(State Purchasing Agent)

Using Agency	Delivery Point	Quantity	Description of Items	Insert Prices Below		
				Unit	Price	Total

Cash discount must be shown on quotation and invoice.  
Return this quotation at once.  
All information in regard to this quotation must be written on front or back of this sheet.

Date of quotation.....  
Quoted by.....  
Address .....



In quadruplicate.

1. Vendor's Copy.
2. P. A. Copy.
- 3 & 4. Using Agency Copy.

Form O. M. O. NC.

P. A. Order No.....

P. A. Req. No.....

STATE HOUSE COMMISSION  
OFFICE OF PURCHASING AGENT  
Trenton, N. J.

.....  
(Date)

To.....

Address.....

Kindly enter our order for items listed below, as follows:

Ship and

Bill to.....at .....

via.....F. O. B.....

Terms:.....When .....

O. M. O.—Non-Contract Order.

U. A. Req. No.....

Account No.....

Account Title.....

Quantity	Description of Goods Ordered	Unit	Price	Amount

Very truly yours,  
STATE HOUSE COMMISSION,  
By.....  
(State Purchasing Agent)

Charge and ship goods and send bills in quadruplicate, showing order number, to government division named on order.

## NEARBY PURCHASES.

From the preceding, every possible situation with regard to purchasing has been indicated but one.

Section 13 of the act provides that "the Commission shall have power, by written order, to permit purchases to be made by any using agency directly and not through the State Purchasing Agent whenever it shall appear to the satisfaction of the State House Commission that by reason of the excess of transportation cost a lower price with equal quality can be obtained by the using agency; or as in the case of fresh vegetables, fish, eggs, and the like perishable articles, where the using agencies are widely scattered and there are nearby local markets; or for any reason in the judgment of the State House Commission warranting such exception."

This department is in possession of data prepared by the several using agencies indicating those transactions comprehended within this section and which may be characterized as "nearby purchases."

In order that the system of purchasing may be uniform, I recommend that the method of purchases in these cases be as follows:

The using agencies shall make requisition in the same manner as heretofore indicated, for nearby purchases. This requisition will contain all the information upon which the using agency may base a statement satisfactory to the Commission to permit the purchases to be made by the using agency directly.

This requisition, unlike any of the others, will indicate the money limitation within which these purchases may be made. Upon the receipt of this requisition and the approval of the Commission, an order will be issued by the Purchasing Agent, to be placed by the using agency with the vendors or dealers from whom the goods indicated in the requisition may be purchased, within the established money limitation.

As purchases are made their volume and cost will be reported to the Purchasing Agent on a form hereinafter provided.

It will be the duty of the using agencies to indicate prior to November 1st to the Commission the articles which come within the scope of this section, together with a statement showing why the purchases should be made nearby, as provided by the section, whereupon a written order will be issued by the Commission to the Purchasing Agent, establishing these purchases to be within the requirements of this provision of the Act, and he will be bound to issue the orders as indicated upon the filing of requisition.

Form N. P. O.

STATE HOUSE COMMISSION,  
OFFICE OF PURCHASING AGENT,  
Trenton, N. J.

1. Using Agency.
2. Using Agency.
3. P. A.
4. P. A. Comptroller.
- U. A. Req. No.....
- Account No.....
- Account Title.....
- (Date)

P. A. Order No.....  
P. A. Req. No.....

TO.....  
(Name and title of officer)  
.....  
(Address)

SIR:

You are hereby authorized to make "nearby" purchases of the articles indicated below, in a sum not exceeding...../100 Dollars, and advise this department, by "Purchase Notices."

Item No.	Quantity Required	Article	Unit	Price	Total

Very truly yours,  
STATE HOUSE COMMISSION,  
By.....  
(State Purchasing Agent)

The official of the using agency to whom this order is issued will report the transactions to the Purchasing Agent by "Purchase Notices," as follows:

Form N. P. N.

STATE OF NEW JERSEY  
FISCAL YEAR.....

1. Vendor.
- 2 & 3. Purchasing Agent.
4. Using Agency.

U. A. Order No.....  
Date.....  
P. A. Order No.....  
U. A. Req. No.....

.....  
(Using Agency.)

Purchase Notice.

To.....

Address.....

Enter our order F. O. B.....for items mentioned below.  
Send bills in quadruplicate, giving order number, as shown on this order.

Transportation charges must be prepaid, and using agency weights and measures to govern.

Terms:.....When to be delivered:.....

Quantity	Description of Goods Ordered.	Price	Per	Amount

Very truly,  
.....  
(Name of Using Agency.)  
By.....  
(Title of Official.)

Authorized by Purchasing Agent. See Order No..... Limitation, \$.....

CONTRACTS AND BONDS.

Contracts should be executed with successful bidders by the Purchasing Agent in triplicate; one copy to be filed with the Purchasing Agent and this Commission; one copy with the Comptroller of the Treasury, and one copy with the contractor. No contract will be in effect until filed with the Comptroller of the Treasury.



The form of these contracts has been approved by the Attorney General, and they will be submitted to the Attorney General for approval as to execution only when in the judgment of the State Purchasing Agent such action is necessary.

Open market contracts and price agreements shall be filed in triplicate in the same manner.

ORDERS.

Upon the filing of a requisition by a using agency, as heretofore provided, for contract items, an order will be issued in quadruplicate by the Purchasing Agent, one copy of which will be forwarded to the contractor; two will be sent to the using agency, and one will be retained by the Purchasing Agent. These orders will indicate if there be any change in conditions as to delivery or shipment other than those set forth in the contract and schedules.

In order to accustom contractors to the methods of state business, the Purchasing Agent will accompany each order sent to a contractor with state form bills in quadruplicate, upon which the contractor will invoice the transaction. It will be the duty of the contractor to forward to the using agency, with the shipment, these invoices in quadruplicate. Upon the receipt of goods, the persons authorized in accordance with the rules and regulations to receive the same, will check these invoices, indicating to the proper authority of the using agency the conditions of the shipment. If the shipment be a perfect one the head of the using agency will forward one of them to the Purchasing Agent, retaining two for the records of the using agency. The other invoice will be forwarded to the Purchasing Agent, properly approved for payment as hereinafter indicated.

(State form of bill.)

No Claim Valid Unless Requisition is Attached.—Chapter 158, P. L. 1914.

THE STATE OF NEW JERSEY

To.....Dr.

191

Month	Date		Dolls.	Cts.
		Approved at \$		
		Total Forward,		

Req. No.....

Acct. No.....

Sign receipt at bottom of attached warrant, being careful to sign receipt just as bill is made out. In case of firm, sign full firm name "per" someone in authority. Do not date warrant or receipt nor fill up blank spaces in either.

No.....  
Account No.....  
Appr. Title.....  
Chapter.....Laws of.....

(If Affidavit is Made by Employee, Position Must be Stated)

NEW JERSEY, ss.

.....  
residing at ..... being  
sworn according to law, on his oath saith, that the within account is just and correct,  
amounting to ..... and that no bonus has been  
given or received or promised by anyone in connection therewith.

.....  
(Signature of Claimant.)

Sworn and subscribed the.....day of.....  
A. D. 1916, before me.

COMPTROLLER'S WARRANT.

No..... Account.....  
Amount, \$.....

OFFICE OF COMPTROLLER OF TREASURY.

To the Treasurer of the State of New Jersey:

I have examined and audited the claim of.....  
.....  
against the State for.....  
.....  
and have allowed thereon..... dollars,  
which amount I hereby certify to you for payment.

.....  
Comptroller.

RECEIVED, at Trenton, New Jersey,.....  
from the State Treasurer..... dollars.  
in full for above warrant.

Treasurer's Check No. ....  
Sign here.

If the shipment or delivery be imperfect in any detail, which in the judgment of the head of the using agency is not sufficient for the rejection of the entire shipment, he will approve of the invoices so far as the conditions of delivery, quality, etc., are in accordance with the contract or order, and so indicate on the invoice, at the same time forwarding within twenty-four hours of the time of delivery reports of defective shipment or delivery on the following form to the shipper and to the Purchasing Agent.

(Form of report of defective delivery or shipment.)

Form R. D. D.

STATE HOUSE COMMISSION,  
Trenton, New Jersey

.....  
(Department, Institution, etc.) .....191...

SIR:

In connection with Order No....., Requisition No....., I beg leave to advise you that the following was the condition of the shipment received in accordance therewith.

Condition of Goods.....  
.....

Amount of Items Short.....  
.....

Amount of Damaged Goods.....  
.....

Freight.....  
Discount.....

Very respectfully,  
Signed.....  
(Title of Officer)

- Quadruplicate—  
1. Vendor's Copy.  
2. P. A. Copy.  
3 & 4. Receiver's Copy.

In the event that the shipment is so defective, in the judgment of the head of the using agency, either as to condition or quality, or for any other reason, he will reject the shipment entirely, notifying the shipper at his own expense in the following manner.

(Notice of rejection of shipment.)

Form N. R. S.

STATE HOUSE COMMISSION,  
Trenton, New Jersey

.....  
(Department, Institution, etc.) .....191...

TO:

SIR:

In connection with Order No....., Requisition No....., I beg leave to advise you that the shipment in accordance therewith has been rejected for the reasons stated herewith.

State Reasons:

You will therefore be required to fill the order, or this purchase will be made and cost of same collected in the manner provided.

Very respectfully,  
Signed.....  
(Title of Officer)

- Quadruplicate (3 colors)—  
1. Shipper's Copy.  
2. P. A. Copy.  
3 & 4. Receiver's Copy.

Before noon of the next day he will advise the Purchasing Agent by forwarding a copy of the notice of rejection, so that, with the exception of a Sunday or holiday, notice of rejection will be in the office of the Purchasing Agent prior to noon of the next day.

In the event that the goods are needed for immediate use, the head of the using agency will communicate by telegraph or telephone with the Purchasing Agent's office, and receive instructions. If the instructions are to the effect that he can purchase in the open market nearby, an order covering the transaction will be mailed by the Purchasing Agent at once.

(Form of Order for Emergency Purchases in the Event of Rejection.)

Form Em. P. O.

STATE HOUSE COMMISSION,  
OFFICE OF PURCHASING AGENT,  
Trenton, N. J.

Order No.....  
Contract No.....  
Req. No.....  
Agreement No.....  
Item No.....

TO.....  
(Name and title of officer)  
.....  
(Address)

SIR:

You are hereby authorized to purchase "nearby" the articles listed below, which were originally ordered from....., see order No.....  
You will advise this department by letter concerning this purchase.

Quantity	Description of Goods Ordered	Unit	Price	Amount	

Very truly yours,

STATE HOUSE COMMISSION,

By.....  
(State Purchasing Agent)

Quadruplicate—  
1 & 2. Using Agency.  
3. P. A.  
4. P. A. C.

## PAYMENTS.

Upon the delivery of goods and the receipt of the invoices, one of the invoices will be checked by the receiving officer, and, in the case of a department, certified by the requisition officer; in the case of an institution one invoice checked by the storekeeper will be certified by the Superintendent or warden, and forwarded to the State Purchasing Agent for preaudit.

Of the other invoices, one will be approved in the same manner in which bills are now approved by the head of a department or the approving officers of a commission, committee, etc., and forwarded to the Purchasing Agent to be certified by him with the duplicate copy of the requisition of the using agency attached, to the Comptroller of the Treasury for payment.

In the case of an institution, the approved invoice will be listed on a schedule in the same manner in which payments are now made, and schedules will be forwarded approved by the proper officers in the same manner as is now done with the statements of account of the institutions of the state.

In the case of departments whose appropriations are immediately available for disbursement, if the transaction is complete, the approving officer may immediately forward the approved invoice to the Purchasing Agent, together with the duplicate invoice. The duplicate invoice will be retained by the Purchasing Agent, and the approved invoice, with the duplicate copy of the requisition of the using agency attached, will be certified by him to the State Comptroller for payment. In this way each transaction will be identified and properly charged to the appropriation from which payment should be made.

## DISCOUNTS.

Transactions involving discount features will receive special attention if forwarded to the Purchasing Agent, properly approved in the same manner as heretofore by the proper officers of the using agency, in an envelope marked "Immediate Audit and Payment. Discount." The Purchasing Agent will indicate to the Comptroller the account number and requisition number against which each of the transactions is to be charged. This can be best done by attaching to each approved statement of account the duplicate requisitions of the using agencies covering the transaction. In the event that they have been used, the account and requisition numbers must be indicated.

## STANDARDS.

The Advisory Board, which consists of a representative of each of the using agencies, shall, in conjunction with this Commission and the Purchasing Agent establish standards of quality for purchase of articles to be listed on the schedules. This has been done in a number of cases, and the list of standards will be presented hereafter.

Samples will be required wherever possible, and will be submitted to the laboratories of the State Board of Health and the Department of Conservation and Development.

The various using agencies have filed with this department the mailing lists used by those agencies. These lists have been consolidated, and I suggest that they be made the official mailing list of your Commission.

The failure on the part of any contractor to make deliveries as required by the terms of his contract, or the delivery by a contractor of articles inferior



to the quality required by the contract, or as established by the standards, should be sufficient reason for your Commission to reject proposals from a contractor.

#### REJECTION OF GOODS.

The using agencies should be permitted the exercise of the same discretion they have had in the past in the matter of rejecting goods, but the contractor or vendor should be entitled to a hearing thereon before your Commission.

The foregoing covers the plan of purchase. It is possible that the conditions existing at the present time in the markets of this country will necessitate changes in methods, all of which will be submitted to your Commission.

A close study of the financial operations of the government and of the Requisition System in force since 1914 has shown me that there is a situation, particularly in the institutions, which must be dealt with in an unusual manner, not contemplated in any plan of purchase. I refer to contingencies that may arise that may be more properly classified as "emergencies." It frequently happens in institutional management that parts of machinery will give way, or parts of equipment will have to be hastily replaced at times when it is not possible to purchase the same in the ordinary way. The institutions, in their farm operations, use in many cases machinery of special makes and patterns. It is not possible to replace parts of this machinery through competition. These parts must be purchased from the makers of the machinery in use, or from their agents.

In the same manner emergencies arise through the deaths of inmates or the outbreak of contagious diseases.

The operation of the Requisition Act developed a system whereby reservation of appropriation was made to cover all these situations; that is to say, each institution carried requisitions covering these emergencies, so that in the event that there was need of immediate repairs to machinery or equipment, or of the contingency, a requisition, countersigned by the Comptroller, was on file. In employment of additional physicians, purchase of medical supplies, or any other this way the need was always anticipated.

I am taking up this situation with each of the institutions, and am arranging a form of requisition with an emergency order attached thereto, which will be lodged with each of the institutions, so that if the need develops it may be used.

It is to be hoped that the act consolidating the purchasing in this department will be amended by the next session of the Legislature so that the State House Commission and the State Purchasing Agent may designate an officer in each of the institutions or departments who will be responsible for the receipt of the articles purchased under this act, and their acceptance. This officer should be the superintendent or warden, in the case of an institution, and an employee of or the head of a department. When the invoices are checked and certified by these officers they should be immediately forwarded to the Purchasing Agent. The latter could then approve them, presenting them to the State Comptroller for immediate payment.

This can easily be done in the case of the departments and institutions whose funds are immediately available for disbursement.

In the case of those institutions or departments whose funds are available monthly in the way of earnings, receipts, etc., it will be impossible to make immediate payment without the establishment of the capital fund which is referred to in another part of this report.

The situation that will exist from November 1st will be that the approving officers of departments and institutions will be required to approve of the payment of bills covering transactions entered into by the State House Commission. This is objectionable, and creates a situation that may become embarrassing to one or the other division of the government.

The Act is defective in Section Twelve (12), in the following: "The bills for such purposes shall be apportioned by the State Purchasing Agent among the requisitioning agencies in proportion to the purchases made therefor, and certify the same so apportioned to the State Comptroller to be charged against the appropriation or appropriations indicated by the certificate of the State Purchasing Agent and the accompanying requisitions." If, instead of the word "and" between the words "therefor" and "certify," the words "who shall" were inserted, as was evidently the intention of the Legislature, these bills could all be paid by the action of the State House Commission and the State Purchasing Agent, or upon the certification of the latter.

The legislation covering the receipts and expenditures of the state is so stringent that it is impossible to arrange any other method of payment than that indicated without creating a situation that might embarrass the State Comptroller or State Treasurer and their bondsmen.

I recommend to the careful attention of your Commission the necessity for entering into an agreement with the Prison Labor Commission, whereby the labor and products of all the inmates under their direction in the operation of the State Use System may be utilized in such a manner as to produce more economical results than are at present obtained. This I regard as a special matter, meriting singular attention as soon as it is possible for your Commission to consider it.

I hope to present a plan to your Commission whereby the labor of the inmates of the charitable institutions and the products of the same may be utilized for the benefit of the other institutions in which it is possible to use this labor.

At the present time there is no organized effort whereby the products of any using agency may be developed with the object of their sale or disposal in a market created among other agencies which cannot by reason of soil or other conditions produce the same results. I am convinced that much can be done on this line so that one using agency can produce at a profit and the others consume economically many features of maintenance. This will, if organized with the cooperation of the institutions result in a great saving to the State.

It is a matter, however, which must await the development of the plan of purchase.

Respectfully,

EDWARD E. GROSSCUP,  
*State Purchasing Agent.*

OFFICE OF THE PURCHASING AGENT.

TRENTON, N. J.

TO THE GOVERNOR, THE STATE TREASURER, AND THE STATE COMPTROLLER, EX OFFICIO, CONSTITUTING THE STATE HOUSE COMMISSION.

GENTLEMEN :

In accordance with the provisions of a resolution of May 2, 1916, to wit :

“RESOLVED, That in accordance with the provisions of Chapter 68 of the Laws of 1916, the Purchasing Agent shall submit to this Commission tentative rules and regulations necessary or proper for the execution of the objects of Chapter 68 and the performance of its duties and the duties of the Purchasing Agent under the provisions of said Act.”

I am submitting herewith a draft of tentative rules, etc., for the consideration of your Commission.

Very truly yours,

E. E. GROSSCUP,  
*Purchasing Agent.*

**RULES AND REGULATIONS FOR THE OPERATION  
OF CHAPTER 68, P. L. 1916.**

The Governor, the State Treasurer and the State Comptroller ex officio, constituting the State House Commission, in accordance with the provisions of Section Fourteen (14) of said act, hereby make the following rules and regulations, and declare them necessary and proper for the execution of the object of this act and the performance of its duties and the duties of the Purchasing Agent under the provisions of this Act.

(A) PLAN OF PURCHASE.

The plan of purchase submitted by the Purchasing Agent is hereby adopted by the Commission and becomes the plan of purchase for the State in the operation of Chapter 68, P. L. 1916.

Wherever, in the Rules and Regulations adopted by the Commission, there appears any change in the manner or method of purchase, the rule shall govern and be the regulation of the Commission in the same manner as if it were included in the original plan of purchase.

(B) LIMITATION OF SCOPE.

This Commission is prohibited by Section Three (3) from participating in the following :

1. Erection or construction of buildings, addition thereto or alteration or repair thereof.
2. Construction or repair of roads or bridges.
3. Performance of any like work in either of the above subdivisions.

In order that there may be no misconception regarding the limitation of the powers of the Commission provided for in the last subdivision, it is defined herein.

Section Two (2) of Chapter 68 includes within the scope of the Commission both "materials" and "supplies." The construction placed on the limitation of this Commission is that it is prohibited from erecting or constructing buildings, additions thereto, or alteration or repair thereof, which in the ordinary transaction of state business become the subject matter of contracts requiring the approval of the Governor. This distinction is made for the reason that it is the practice in many of the institutions and departments that are empowered to erect or construct buildings, make additions thereto, alterations or repair thereof, to purchase materials for the ordinary repair or replacement and include the cost of the same in charges against the maintenance accounts of said departments and institutions. The labor necessary to repair and replacement being performed by employees or inmates, materials necessary for such repairs or replacements that are ordinarily comprehended within the maintenance of departments and institutions will be purchased by authority of this Commission. *Contra*, repairs or alterations or additions involving the performance of the same by outside vendors, contractors, or by labor other than employees or inmates, which become the subject matter of contracts with the approval of the Governor, will not be within the scope of this Commission.

(C) USING AGENCIES AND ADVISORY BOARD.

As Section One (1) of the Act designates the several divisions of the government as using agencies, and as Section Eleven (11) creates an Advisory Board, each using agency shall designate one of its officers or one member of its board or governing body as its representative upon the Advisory Board, by proper certification over the signature of the officers of said using agency. This notification, to be effective, shall be filed in duplicate with the Secretary of this Commission, at the office of the Comptroller of the Treasury, and with the State Purchasing Agent.

(D) LABORATORIES.

The existing state laboratories are hereby designated as the physical and chemical laboratories for the execution of such functions as may hereafter be required by this Commission, as provided in Section 7 of the act. They are as follows:

1. Board of Health.
2. Testing Laboratory of Department of Conservation and Development.

(E) DATE FOR FILING ESTIMATES AND PERIODS.

As provided for in Section Twelve (12) of the Act, each using agency shall, not later than August 10th, file with the Purchasing Agent a detailed statement showing the furniture, equipment, materials and supplies necessary for their respective uses for two periods:

1. November 1, 1916, to November 30, 1916, inclusive.
2. November 1, 1916, to February 1, 1917.

Periods: New periods will be established by the Commission from time to time. Notice will be given using agencies for the preparation and filing of detailed applications.

Forms for these detailed statements will be furnished to each using agency.



NOTE—As the state printing contract will be in effect until November 1st, when by the operation of Chapter 68 it will be taken over by this Commission, departments will not include in their estimate blanks and stationery or printing supplies comprehended within that contract for which reservations have already been made. Printing supplies, blanks and stationery needed by the institutions, which cannot be supplied by the Prison Labor Commission, will be furnished by this Commission at the prices set forth in the printing contract until the end of its operation from November 1, 1916, or in accordance with the printing law applicable thereto.

NOTE—STATE USE ARTICLES.

Detailed statements made by using agencies, when filed with the Purchasing Agent, will include furniture, equipment, materials and supplies manufactured by state use institutions.

(F) PURCHASING AGENT.

1. The Purchasing Agent, upon the receipt of detailed applications showing the furniture, equipment, materials and supplies necessary for the needs of the using agencies, will prepare schedules thereof and submit such schedules to the State House Commission for its consideration.

2. He shall meet with the Advisory Board, as the representative of this Commission, in the determination of standards, making exemptions, quality and prices of supplies. He shall prepare schedules of supplies, together with forms of proposals, etc., by trade classifications; also forms of advertisement for submission to this Commission. The standards agreed upon by the Purchasing Agent and the Advisory Board shall be submitted to this Commission for approval. In the event that there be no agreement regarding standards, or any of them, between the Purchasing Agent and the members of the Advisory Board, each shall submit standards to this Commission for action. Upon the adoption by this Commission of schedules, the Purchasing Agent shall make requisition upon the State Comptroller for the amount of money estimated to be necessary to defray the cost thereof, indicating the appropriations against which the proposed purchases will be charged. In the case of those institutions whose appropriations are available monthly, he shall arrange with the State Comptroller for the determination of the limitation of their credit, and shall arrange the schedules, or parts thereof, in such manner that the requisitions submitted by him shall be acceptable to the State Comptroller.

The Purchasing Agent is hereby designated by this Commission as the Requisition Officer for this Commission, and for all the using agencies for all purchases within the scope of this act.

Upon the adoption of schedules and the determination of standards which shall be incorporated therein, it shall be his duty to advertise for proposals in the manner best calculated to attract competition and advantageous prices, prescribe the conditions for delivery, and like details.

The proposals will be received upon a date to be fixed by this Commission, and the contracts awarded by this Commission. The Purchasing Agent shall execute all contracts and make all purchases upon such schedules, within the requisition limitations.



Upon the delivery of purchases, vendors will accompany the same, in the case of institutions, by invoices in quadruplicate, and in the case of departments, by invoices in triplicate. One of these invoices must be checked with the shipment by the receiving officer of the institution, then certified by the warden or superintendent or other officer empowered to so certify and forwarded to the Purchasing Agent.

The Purchasing Agent on receipt of the invoice will have it preaudited against the order and requisition, so that the approved invoice may be attached to the duplicate requisition and be forwarded by the Purchasing Agent to the Comptroller for payment.

Failure to forward invoices as prescribed herein will make it incumbent upon the receiving officer to reject deliveries.

Purchases will be made by the Purchasing Agent in three ways:

(a) By contract as the result of the receipt of proposals and the award of the same by this Commission.

(b) In the event that no proposals are received, or proposals are in excess of the market prices of any of the articles bid upon, this Commission will secure permission from the State House Commission, in accordance with the provisions of Chapter 170, P. L. 1915, to purchase the same in the open market. Thereupon the State Purchasing Agent will obtain quotations, solicit proposals in the open market, make contracts, agreements, price agreements or purchase in the open market to the best advantage in the interest of the State and its Using Agencies. These quotations shall be obtained as outlined in the plan of purchase, contracts and price agreements shall be made in the manner shown in the plan of purchase. Purchases made in the open market shall not exceed, in any instance, if possible, the sum of three hundred dollars, except for the purchase of those things for which a contract cannot be made, or where it is apparent the interest of the state will not be conserved thereby. It is the intent of the commission that purchases exceeding the sum of \$1,000.00 shall be made the subject of contracts, whenever possible.

(c) In the case of purchases for the institutions such as fresh fruits and vegetables, etc., officers of using agencies will indicate the volume and current prices nearby to the Purchasing Agent, who will issue an order for the purchase of the same, based upon requisition making reservation of appropriation therefor.

3. No order will be issued or contract executed by the Purchasing Agent except upon requisition countersigned by the Comptroller of the Treasury. No contract will be effective unless approved by the Comptroller of the Treasury.

#### GENERAL RULES COVERING USING AGENCIES.

1. Requisition officers will indicate on forms to be furnished and make detailed applications of the needs of their divisions of the government at the times and for the periods specified by this Commission.

2. *Requisitions.* As soon as using agencies are advised that contracts have been entered into for any period established by this Commission, it will be the duty of the using agencies to make requisition in duplicate, on the forms established in the plan of purchase, for those articles and for the quantity needed by each of them during the whole period if possible. If a using agency cannot determine the quantity for the whole period, it shall so requisition that deliveries can be arranged for the whole of the month succeeding the making of the requisition. If the articles needed are not included in the list of contract items or "nearby" purchases, the requisition shall be filed sufficiently in advance of the date set for delivery to give the Purchasing Agent an opportunity for obtaining quotations.

3. *Deliveries.* It shall be the duty of each using agency to file with the Purchasing Agent a list of employees authorized to receipt for deliveries. In the case of institutions the authority to receive articles shall be vested in the storekeeper, under the supervision of the Superintendent, Warden, Commandant, Fiscal Agent or Business Agent of the Institution. This authority shall be confined to the Storekeeper and his superior officer except in their absence, when the employee designated to act in their place or for either of them shall have authority to receive deliveries and record receipt of the same.

In the case of departments or divisions of the government other than institutions, one employee shall be designated as a receiver for all shipments, who shall record the receipt of the same and check deliveries subject to the supervision of the head of his division of the government, except only in the event of his absence, when another employee designated by the head of that division of the government may perform his duties as receiver.

The purpose of this section is to establish, in so far as possible, a uniform supervision over the receipt of goods by a regular employee.

Immediately, upon the receipt of a shipment or delivery of any articles, it shall be the duty of the receiving officer to check the invoices against the copy of the order forwarded to the using agency by the Purchasing Agent, and transmit one invoice to the Purchasing Agent so that he may be immediately acquainted with the condition of the delivery.

If the delivery is defective, report should be made to the Purchasing Agent on the form provided in the plan of purchase. If the delivery is rejected, the method outlined in the plan of purchase for giving notice to the vendor and to the Purchasing Agent shall be followed.

4. *Payments.* The original invoice shall be approved, in the case of departments, by the head of the department, and forwarded to the Purchasing Agent as soon as possible after the receipt of the goods, so that payments may be facilitated. In the case of institutions the original invoices will be held by the proper officers, and listed on the schedules which shall be approved by the proper officers in the same manner as heretofore.

Purchases involving discount features should receive immediate attention, and the invoices should be forwarded to the proper approving officers, to be by them transmitted to the Purchasing Agent upon approval, so that advantage may be taken of the discount features. The method of handling these transactions involving discount features heretofore in effect will be followed, so that advantage of the same may be procured.

5. *Petty Cash.* Institutions will make requisition on the forms provided for petty cash. These forms will indicate the amount of petty cash that it is estimated by the using agency will be necessary for the payment of wages to discharged employees. In addition, the amount will be established which the using agency estimates will be necessary for the purpose of paying such current expenses of maintenance requiring a prompt cash outlay. This last sum shall not be disbursed by the using agency for freight or express charges which by the conditions of the order should have been prepaid, unless the need of the goods is so urgent and their character so perishable that there is no time to require the shipper to comply with the conditions of the order by making payment of the express or freight charges.

The amount set aside for the payment of wages to discharged employees will be forwarded by the Comptroller of the Treasury to the using agency. The amount set aside for the purchase of those things of maintenance requiring immediate cash outlay will be paid by the Comptroller to the Purchasing Agent, and by him remitted to the using agency.

6. *Nearby Purchases.* When a using agency receives an order for "nearby" purchases from the Purchasing Agent, upon the placing of the same it will be the duty of the using agency to supply the vendors with invoices so that upon receipt of the goods the copies of the invoices may be immediately forwarded to the Purchasing Agent and the transaction be completed in the same manner as other purchases.

7. *Acceptance or Rejection of Goods.* As the cooperation of the using agencies is required by the statute and has been solicited by the State House Commission, and as the standards established by the using agencies have been accepted by this Commission, it will be the duty of each using agency to see that the goods delivered by the vendors are equal in quality to the standards established, and on the basis of which the purchases are made. To this end, where samples are required, each using agency will see to it that samples are on file at the using agency before deliveries are made.

This Commission will be compelled to depend largely upon each using agency to make the vendors supply goods equal to the established standards, and samples.

8. *Contract Prices.* It will be the duty of the Advisory Board, either in whole or through a Committee, to cooperate with the Commission at the time of the receipt of proposals for any period, and to indicate to the Commission before the award of contract for any item whether or not the price upon which the award is based is such that it will be or will not be acceptable to the using agency. The reason for this regulation is that the present market conditions are such as to make it a serious problem to finance the institutions who live by per capita, and may require, in many cases, the use of substitutes, by reason of the high prices of the original articles.

9. It shall be the duty of each using agency at all times to promptly communicate with the Purchasing Agent or this Commission concerning any matters of interest to the using agency in connection with purchases, or anything that may be of assistance to this Commission and the Purchasing Agent.

10. These rules are subject to revision and amendment by the Commission as occasion may arise, and notice of change will be given to all using agencies.

## EXTRACTS FROM STATE LAWS.

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### RECEIPTS AND DISBURSEMENTS. (Pg. 4958, C. S., sec. 102.)

An Act concerning appropriations of money.  
(P. L. 1895, p. 788.)

**102. Money not to be drawn from treasury until explicitly appropriated.—**  
Sec. 1. That from and after the first day of November, eighteen hundred and ninety-five, no money shall be drawn from the treasury unless it shall have been explicitly appropriated by the annual appropriation act to the purpose for which it is drawn.

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An Act concerning the payment of the salaries of the employees in and the payment of the expenses of the various departments of the State government. (Pg. 4958, C. S., sec. 104.)  
(P. L. 1903, p. 107.)

**104. Payment of employees and expenses.—**Sec. 1. The Treasurer of the State shall, on the warrant of the Comptroller, pay the salaries of the employees of, and the expenses lawfully incurred in, the various departments of the State government; *provided*, that such salaries and expenses shall be first approved by the head of the department in which such salaries or expenses shall have been incurred.

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An Act regulating the receipt and disbursements of State moneys in certain cases. (Pg. 4958, C. S., sec. 105.)  
(P. L. 1907, p. 717.)

**105. Payments from treasury for buildings, repairs or supplies; approval and presentation of bills.—**Sec. 1. No money shall hereafter be drawn from the treasury of this State to pay the salaries and expenses of employees of this State, or to defray the expenses of any department, institution, commission, board, committee or official of this State, or for or on account of any contract for building or for repairs or supplies, except upon bills presented to the Comp-

- (a) In the case of a department, by the head of the department;
- (b) In the case of an institution or board, by a majority of the board of managers or trustees of such institution or board, or by such person or persons as shall be designated for that purpose by resolution adopted by a majority of the members constituting said board of managers or trustees;



- (c) In the case of a commission or committee, by the president and secretary of said commission or committee or by the chairman and secretary or chairman and one member of such commission or committee;
- (d) In the case of an official not subordinate to the head of a department, by such official personally.

**106. Moneys to be reported to Comptroller and paid to Treasurer.—Sec. 2.** Hereafter all moneys collected by any department, institution, commission, board, committee or official of this State for the use of any such department, institution, commission, board, committee or official, or for the use of the State, shall be reported in detail to the Comptroller of the Treasury and paid to the State Treasurer. Such report and payment shall be made not later than the tenth day of the month following that during which the said moneys were received; *provided, however*, that nothing in this section contained shall be construed to repeal the provisions of any law now in force authorizing any department, institution, commission, board, committee or official to deduct from any moneys received for the use of any such department, institution, commission, board, committee or official, any costs, fees or expenses which they are now entitled by law to deduct. (P. L. 1907, p. 717.)

**107. Detailed report by treasurers of boards.—Sec. 3.** Within thirty days after this act shall take effect the several treasurers of the various boards of managers, trustees and commissions of this State shall make a detailed report to the Comptroller of the Treasury of all moneys then in their possession and of all moneys due or thereafter to become due to such board, trustees or commission, and shall immediately, upon the making of such report, pay to the Treasurer of this State all moneys then in their possession, and all moneys as shown by the said report to become due in the future immediately upon the receipt of the same. (P. L. 1907, p. 718.)

**108. Suits to recover funds.—Sec. 4.** The Comptroller of the Treasury of this State shall cause suit to be instituted in any competent court of this or any other State for the recovery of any moneys due or hereafter to become due to the State of New Jersey, or to any of its institutions, departments, commissions, or officials. Said suit shall be in the name of the "State of New Jersey," as plaintiff. (P. L. 1907, p. 718.)

**109. Monthly statements by treasurers of boards; duplicate statements.—Sec. 5.** Hereafter the treasurer of any board or of any trustees having charge of any institution of this State, and receiving funds from this State, shall at the close of each month file with the Comptroller an itemized statement of expenses for the preceding month, which statement shall be approved as provided in section one, and shall be paid by the State Treasurer upon the warrant of the Comptroller. Such statement shall be made in duplicate, one of which shall be retained by the Comptroller and the other by the treasurer of the board of managers or trustees, or otherwise, to whom the same shall be issued. (P. L. 1907, p. 718.)

**110. Approval of claims not provided for.—Sec. 6.** In case any bill or claim shall be presented against the State the approval of which is not provided for by this act, the Comptroller of Treasury shall fix and determine the form and character of its approval. (P. L. 1907, p. 718.)



**111. Withdrawals from treasury for State school tax, agricultural college, etc.**—Sec. 7. Nothing in this act contained shall be construed to apply to the withdrawing of moneys from the treasury of this State for the following purposes, namely, State school tax, United States appropriation to agricultural college, United States appropriation for disabled soldiers, United States appropriation for disabled soldiers, sailors, marines and their wives, agricultural college fund, and taxes for the use of taxing districts of this State, moneys received by the State from the taxation of railroad and canal property which may be by law apportioned to the various counties of the State for school purposes, and loans to "State school fund." (P. L. 1907, p. 719.)

**113. Moneys paid into treasury by State institutions to be used for such institutions.**—Sec. 1. All moneys heretofore or hereafter paid into the State Treasury by the several State institutions and commissions under the provisions of an act entitled "An act regulating the receipt and disbursements of State moneys in certain cases," approved October thirty-first, nineteen hundred and seven, are hereby appropriated for the maintenance of the institutions and commissions so paying, and the same may be withdrawn from the Treasury of the State in the manner prescribed by the act to which this act is supplementary, and all moneys heretofore withdrawn for such purpose, and in such manner, are hereby approved, and no payment herein authorized need be inserted in any general appropriation bill. (Inconsistent laws repealed.) (P. L. 1908, p. 59.)

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An Act regulating the disbursements of State moneys in certain cases. (Pg. 4961, C. S., sec. 119.)

(P. L. 1908, p. 440.)

**119. Institutions may retain fire insurance money.**—Sec. 1. All moneys heretofore received or which may be hereafter received by any department, institution, commission, board, committee or official of this State from any source whatever, in payment for or on account of any loss sustained by reason of the loss, destruction, or damage, by fire, of any State institution, buildings or property, in the custody or control or in charge of any such department, institution, commission, board, committee or official may be retained and used by such department, institution, commission, board, committee or official for the purpose of repairing and restoring said institutions, buildings or property so lost, destroyed, or damaged as aforesaid.

**120. Restoration or repair of buildings.**—Sec. 2. All plans and specifications for restoring or repairing State buildings as provided by section one of this act shall be prepared under the direction of the Commissioner of Charities and Corrections. (P. L. 1908, p. 440.)

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**121. Retroactive operation.**—Sec. 3. This act shall not apply to moneys heretofore paid to the State Treasurer. (P. L. 1908, p. 440.)

## CHAPTER 66, P. L. 1913.

An Act to regulate the payments of salaries of State employees and employees in the several counties classified as State employees. (P. 103.)

1. All State employees of this State shall be paid semi-monthly.
  2. All employees employed in the several counties and classified as State employees shall be paid semi-monthly.
  3. All acts or parts of acts inconsistent with the provisions of this act are hereby repealed, and this act shall take effect immediately. (March 12th, 1913.)
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## CHAPTER 268, P. L. 1913.

An Act to regulate the payment of salaries of officers of this State. (Pg. 508.)

1. All officers paid by the government of the State of New Jersey shall be paid their salaries or compensation semi-monthly.
  2. This act shall take effect immediately. (April 7th, 1913.)
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## CHAPTER 158, P. L. 1914.

A Supplement to an act entitled "An act regulating the receipt and disbursement of State moneys in certain cases," approved October thirty-first, one thousand nine hundred and seven. (P. 290.)

BE IT ENACTED *by the Senate and General Assembly of the State of New Jersey:*

I. It shall be the duty of the Comptroller of the Treasury of this State, within sixty days after the passage of this act, to prepare a form of requisition covering the doing of any work or labor, or the furnishing of any goods, chattels, supplies or material of any kind whatsoever, for use in every department, institution, commission, committee, official, board or body of the State government, which said form of requisition, when so prepared as aforesaid, shall be the only form which shall be used for the ordering of any work or labor, or the furnishing of any goods, chattels, supplies or materials of any kind whatsoever, for the use of said department, institution, commission, committee, official board or body of the State. There shall be indicated in said form of requisition the purpose of expense, the limitation of expense and a blank space for the signature of the officer authorized by law to incur any obligation or expense on the part of said department, institution, commission, committee, official, board or body of the State government, and provision shall be made in said form for the counter signature of the Comptroller or an assistant specially designated by him. A notice shall also be printed on said form of requisition that the same shall be invalid unless countersigned by said Comptroller or the assistant designated by him.

2. It shall be the duty of each and every department, commission, committee, official, board or body of any institution or organization of this State to designate the proper officer who shall sign all requisitions pursuant to the act to which this act is a supplement and to this act, and such designation shall be filed in the office of the Comptroller of the Treasury of this State within sixty days from the date of the passage of this act.

3. It shall be the duty of the Comptroller of the Treasury to prepare the form upon which shall be rendered all statements of indebtedness against any department, institution, commission, committee, official, board or body of the State government, which form of indebtedness when so prepared as aforesaid shall be the only form which shall be used for the evidence of and record of such indebtedness of such department, institution, commission, committee, official, board or body of the State government. A notice shall also be printed on said statements of indebtedness that the same shall be invalid unless accompanied by the requisition by which said indebtedness was incurred as hereinbefore provided in this act. Said statements of indebtedness shall be approved in the manner now provided in the act to which this act is a supplement by the department, institution, commission, committee, official, board or body of the State government which has incurred the indebtedness set forth therein. The Comptroller of the Treasury shall have the power to indicate to every department, institution, commission, committee, official, board or body of the State government, the manner and method in which any and every form of indebtedness, including salaries of officers and employees, when approved as provided by the act to which this act is a supplement, and in accordance with the provisions of this act, shall be presented to his department for audit, and it shall be his duty to examine, audit, adjust and settle all accounts so presented and certify the amounts adjusted or allowed to the Treasurer of the State for receipt and payment, and they shall be paid on warrant of the Comptroller when so examined, audited, adjusted and settled.

4. It shall be the duty of the Comptroller of the Treasury, in addition to the records now required by law or in the interests of the State, to provide such additional records as will easily indicate the expenditures authorized and anticipated by the issuance of any requisition as provided by this act, and to adjust the same in such manner as the interests of the State may demand and in no event shall said Comptroller, either by himself or the assistant designated by him, approve any requisition issued by any department, institution, commission, committee, official, board or body of the State for any sum in excess of the amount appropriated for any such department, institution, commission, committee, official, board or body of the State government in any fiscal year; *provided, however*, in the case of any department, institution, commission, committee, official, board or body of the State government which is now or hereafter may be in receipt of earnings, fines, fees, et cetera, or moneys from sources other than appropriations and which, by the operation of any law, are entitled to the use of the same for the purposes and expenses of said department, institution, commission, committee, official, board or body of the State government, it shall be lawful for the State Comptroller to approve of requisitions in the manner heretofore provided, up to the amount of said earn-

ings, fines, fees, et cetera, on deposit in the State Treasury, or as shown to his satisfaction by the records of said department, institution, commission, committee, official, board or body of the State government, up to and including October thirty-first of each year. It shall be lawful for the State Comptroller during the last month of the fiscal year to retain in his possession, out of the moneys appropriated but unexpended, a sum sufficient to pay all bills for which requisitions have been issued in accordance with the provisions of this act during the said fiscal year, but which remain unpaid.

5. It shall be the duty of the State Treasurer to pay, on the warrant of the Comptroller, all bills which have been duly certified according to the provisions of this act.

6. All acts and parts of acts inconsistent with the provisions of this act be and the same are hereby repealed, and this act shall take effect immediately.

Approved April 14th, 1914.

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### CHAPTER 3, P. L. 1916.

A Further Supplement to an act entitled "An act regulating the receipt and disbursements of State moneys in certain cases," approved October thirty-first, nineteen hundred and seven.

BE IT ENACTED *by the Senate and General Assembly of the State of New Jersey:*

1. Every requisition under the act to which this is a supplement, shall immediately upon its receipt in the office of the Comptroller of the Treasury be endorsed or stamped with the date of its receipt and shall be allowed or rejected by the Comptroller of the Treasury within the next business day after being so received, he having regard only to the question of whether or not the amount of such requisition is within the appropriation or allowances for each department, institution, commission, committee, official, board or body of the State, respectively, by whom such requisition is made, and not to the purpose for which such requisition shall be made or the cost, price, character or manner of purchase of articles therein mentioned.

2. No requisition shall be required for any salary or compensation that has been previously fixed and ascertained by law and is covered by any annual or supplemental appropriation.

3. This act shall take effect immediately.

Approved February 14, 1916.



## CHAPTER 283, P. L. 1916.

An Act to amend an act entitled "A further supplement to an act entitled 'An Act to regulate receipts and disbursements of State moneys in certain cases,' approved October thirty-first, nineteen hundred and seven," which further supplement was approved February fourteenth, nineteen hundred and sixteen.

BE IT ENACTED *by the Senate and General Assembly of the State of New Jersey:*

1. Section three of the above-mentioned act is hereby amended so as to read as follows:

3. This act shall take effect November first, nineteen hundred and sixteen.
2. This act shall take effect immediately.

Approved March 31, 1916.

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## CHAPTER 219, P. L. 1914.

An Act to amend an act entitled "An act for the punishment of crimes" (Revision of 1898), approved June fourteenth, one thousand eight hundred and ninety-eight.

BE IT ENACTED *by the Senate and General Assembly of the State of New Jersey:*

1. Section thirty-one (31) of the act to which this act is an amendment be and the same is hereby amended to read as follows:

31. Any person or persons, board or body charged with or having the control of any State office, department or institution, any board of chosen freeholders, or any township committee, or any board of aldermen, or common councilmen, or any board of education, or any board of commissioners of any county, township, city, town or borough in this State, or any committee of any such board, committee or commission, which, or any member thereof who shall disburse, order or vote for the disbursement of public moneys, in excess of the appropriation respectively to any such board or committee; or which board or committee, or any member thereof, who shall incur obligations in excess of the appropriation and limit of expenditure provided by law for the purposes respectively of any such board or committee, thus disbursing, ordering or voting for the disbursement and expenditure of public moneys, or thus incurring obligations in excess of the amount appropriated, and limit of expenditure as now or hereafter appropriated, and limited by law, shall be jointly or severally guilty of a misdemeanor; *provided*, nothing herein shall prevent any board of education from keeping open the public schools.

2. This act shall take effect immediately.

Approved April 15th, 1914.



## CHAPTER 170, P. L. 1915.

An Act to amend an act entitled "An act to amend an act entitled 'An act to amend an act entitled "A supplement to an act entitled 'An act for the punishment of crimes (Revision of 1898),' " approved June fourteenth, one thousand eight hundred and ninety-eight, which supplement was approved October twenty-eighth, one thousand nine hundred and seven, and which amendment was approved March twenty-fifth, one thousand nine hundred and eight," approved April first, one thousand nine hundred and thirteen.

BE IT ENACTED *by the Senate and General Assembly of the State of New Jersey:*

I. Section one of the act of which this act is amendatory is hereby amended to read as follows:

I. Save when otherwise ordered, in writing, by the State House Commission, no contract or agreement for the construction of any building or buildings, for the making of any alterations, extensions or repairs thereto, for the doing of any work or labor, or for the furnishing of any goods, chattels, supplies or materials of any kind whatsoever, the cost or contract price whereof is to be paid with State funds, and shall exceed the sum of one thousand dollars, shall be awarded, made or entered into by the board of managers or board of trustees of any State institution, or by any State department or commission, or by any person or persons whomsoever acting for or on behalf of the State, without first having publicly advertised for bids upon the same, according to the specifications to be furnished to, or for the inspection of prospective bidders, by the board of managers or board of trustees of any State institution, or by the State department or commission, or by the person or persons acting for or on behalf of the State, authorized to procure the same, which advertisement shall be inserted in three or more newspapers once each week for at least three weeks, successively next before the time fixed for receiving bids, two of which newspapers shall be printed and published in the county wherein such building or buildings are to be built, such alterations, extensions or repairs made, such work or labor done, or such goods, chattels, supplies or materials furnished, and one of which newspapers shall be printed and published in the city of Trenton, in this State, and which advertisement shall designate the time and place when and where sealed proposals, which shall be required to be accompanied in each case with cash or a certified check for at least five per centum of the amount of the bid, will be received and publicly opened and read; and the contract shall, within fourteen days thereafter, be awarded to the lowest responsible bidder except that the right to reject any or all bids is reserved to and may be exercised by the person or persons acting for or on behalf of the State in such matters; subject to the execution by him of a proper contract or agreement and the furnishing by him, within a reasonable time, of a bond to the State of New Jersey, which bond shall be in the amount equal to at least fifty per centum of the amount of such contract or agreement, with satisfactory security, conditioned for the faithful performance of his contract or agree-

ment; any person or persons authorizing, consenting to, making or procuring to be made, any contract or agreement in violation of any of the provisions hereof, or making or procuring to be made payment of State funds for or on account of any contract or agreement made or entered into in violation of any of the provisions hereof, shall be guilty of a misdemeanor.

2. This act shall take effect immediately.

Approved April 6, 1915.

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CHAPTER 262, P. L. 1915.

An Act to amend an act entitled "A supplement to an act entitled 'An act regulating the receipt and disbursement of State moneys in certain cases,' approved October thirty-first, one thousand nine hundred and seven," approved March thirtieth, one thousand nine hundred and ten.

BE IT ENACTED *by the Senate and General Assembly of the State of New Jersey:*

1. Any board or institution of the State, receiving from the State for its maintenance an annual appropriation of State funds, may, for the purpose of paying such current expenses of maintenance requiring a prompt cash outlay, establish a petty cash expense fund.

2. The State Treasurer, upon the warrant of the State Comptroller, may, for the purpose aforesaid, pay to the treasurer of such board or institution or the person or official acting as such, from the annual appropriation of State funds for its maintenance, an amount necessary therefor not exceeding two thousand dollars (in any fiscal year) upon the application in writing by the management of such board or institution.

3. The treasurer of such board or institution, or the official acting as such, shall include in the monthly schedule of expenses as provided by section five (5) of the act to which this act is a supplement, a detailed monthly account of the disbursement of said fund accompanied by appropriate vouchers therefor approved by the management of such board or institution, and shall devote the sum thereof when received from the State Treasurer to the reimbursement of said fund.

4. Any question arising in respect hereof with reference to the amount to be allowed each institution or board, the expenditure thereof, the accounting therefor, and the repayment thereof to the State Treasurer, shall be finally determined by the ruling of the State Comptroller.

5. All acts or parts thereof inconsistent herewith are hereby repealed.

6. This act shall take effect immediately.

Approved April 8, 1915:

## CHAPTER 68, P. L. 1916.

An Act concerning the purchase of all furniture, equipment, materials, supplies, printing and stationery for the use of the State and the State institutions, boards, commissions and officers.

BE IT ENACTED *by the Senate and General Assembly of the State of New Jersey:*

1. The duty and the authority for the purchase of any and all furniture, equipment, materials, supplies, printing and stationery, of whatever kind or description, used or needed for use by any and all officers, boards, commissions or subdivisions of any kind, of the State government or by any State institution, board or commission or agency of the State, maintained in whole or in part thereby, hereinafter referred to as a using agency, is hereby exclusively vested in the Governor, the State Treasurer and the State Comptroller, ex-officio, constituting the State House Commission. Nothing herein contained shall apply to any district board of education or its officers.

2. No furniture, equipment, materials, supplies, printing or stationery, the whole or part of the costs whereof is to be paid from the treasury of the State, shall be contracted for or purchased, except in accordance with the provisions of this act. Any contract or agreement for purchase made otherwise than in accordance with the provisions of this act shall be void and no money shall be paid from the State treasury on account thereof.

3. Nothing herein contained shall apply to the erection or construction of any building or addition thereto or alteration or repair thereof as distinguished from the furnishing or equipment or maintenance thereof, nor to the construction or repair of any road or bridge, nor to the performance of any like work.

4. There is hereby created the office of State Purchasing Agent, the incumbent of which office, who shall be appointed by the Governor, by and with the advice and consent of the Senate, shall have had practical experience in a regularly organized purchasing department, either municipal, State, federal or private business corporation. He shall hold his office for a term of five years and until his successor is appointed and qualified. He shall receive an annual salary of five thousand dollars. He shall give bond to the State of New Jersey in the sum of fifty thousand dollars, which bond shall be conditioned for the faithful performance of his duties, and conditioned also that he shall not be interested or concerned, directly or indirectly, financially or otherwise, with any person, partnership, firm or corporation with whom or which any purchase or contract for purchase shall be made in the performance of his duties. He may be removed at any time by the Governor for cause affecting the performance of his duties, but neither expiration of term of office nor removal therefrom shall operate as a discharge of said bond, until the lawful period thereof, to wit, sixteen years, has passed. The premiums upon such bonds shall be paid by the State, upon the certification of the State House Commission. ....

5. The State Purchasing Agent, under the supervision and control of the State House Commission and as its agent, shall carry into effect and execute the provisions of this act. He shall appoint such assistants, clerks and stenographers as may be necessary in the discretion of the State House Commis-



sion, who shall determine their compensation. He shall act, and execute all contracts, in the name of the State of New Jersey.

6. The State House Commission shall have power if and as necessary in their discretion, to maintain warehouses, to rent or lease or construct the same or rent or lease warehouse or storage accommodations; to arrange with contractors for whole or partial deliveries to such warehouses and to make deliveries therefrom or to arrange with contractors for deliveries directly to using agencies, as may be necessary or expedient.

7. The State House Commission shall have power to combine all or so many of the existing State laboratories as in their judgment may be advisable into one or more State Physical and Chemical Laboratories for the execution of such functions as may now or hereafter be required thereof, as well as those functions in and by this act contemplated to be performed, and to maintain the same as State Physical and Chemical Laboratories; to provide such accommodations and working force therein by transfer and appointment as in their judgment may be necessary, and to fix the compensation therefor, as and when appropriations may become available for that purpose.

8. The State House Commission shall have power to establish and determine standards of quality by physical or chemical formulæ or otherwise, and to change the same from time to time and to determine the relation thereto of articles offered or furnished; to use for such purposes the existing laboratories maintained by the State or as combined into State Physical and Chemical Laboratories; to establish a list of other public or private laboratories whose tests and analyses will be accepted, and to fix the fees required to be paid for tests or analyses made in any State laboratory. The fees required by any State or other laboratory for any analysis or test made by any prospective contractor, prior to the award of a contract, shall be paid by such prospective contractor. Inspection analyses or tests shall be at the expense of the State.

9. In the purchase of materials and supplies, the laboratory test of quality with reference to the standard to be established for the State, shall be preferred to trade names or words of description, and so far as is practicable such laboratory standards shall be established and purchases made with reference thereto.

10. So far as practicable, all furniture, equipment, materials, printing, stationery and supplies shall be standardized, and no variation shall be allowed from an established standard without the written approval of the State House Commission. Such standards shall be determined upon the needs of all using agencies, so far as their needs are in common, and for groups of using agencies or single using agencies so far as their needs differ. Where changes or alteration in equipment are necessary in order to permit the application of any standard, such changes and alterations shall be made as rapidly as possible.

11. Each using agency shall designate one of its officers or one member of its board or governing body, as its representative upon an Advisory Board constituted of such representatives, if such agency shall so desire. This Advisory Board shall co-operate with the State House Commission in the determination of standards, making exemptions, quality and prices of supplies, and in all

respects advise and assist the State House Commission in the performance of its duties and the accomplishment of the purposes of this act. The Advisory Board shall meet with the State House Commission at least once in each three months, and in addition at such other times as the State House Commission shall direct. The needs of the several using agencies shall be determined by each of them, as heretofore, but shall be supplied in accordance with the provisions and requirements of this act.

12. Nothing herein contained shall require any change in the form or manner of making appropriations. Each using agency shall, at the times and for the periods specified by the State House Commission, present to the State Purchasing Agent detailed applications for furniture, equipment, materials, printing, stationery and supplies. The State Purchasing Agent shall prepare schedules thereof, and then submit such schedules to the State House Commission for their consideration. If it so desires, the State House Commission shall call for the co-operation of the Advisory Board with reference thereto or any part thereof, or hear any using agency with reference to its part therein, and then determine upon, change, add to or subtract from such schedules, and upon such schedules shall make requisition upon the State Comptroller for the amount of money estimated to be necessary to defray the cost thereof, indicating the appropriations against which the proposed purchases will be charged. Such requisition shall be approved by the Comptroller unless it shall appear that the free balance of any appropriation is not sufficient to cover the charge proposed against it. And in that event the requisition shall be rejected as to such charges only, and approved as to all others. The Purchasing Agent shall then arrange such schedules or parts thereof as are included in or covered by the approved requisition, for advertisement and contract in the manner best calculated to attract competition and advantageous prices, as well as prescribe conditions for delivery and the like details. The Purchasing Agent shall make all purchases upon such schedules and requisitions. The bills for such purchases shall be apportioned by the State Purchasing Agent among the requisitioning agencies in proportion to the purchases made therefor, and certify the same so apportioned to the State Comptroller, to be charged against the appropriation or appropriations indicated by the certificate of the State Purchasing Agent and the accompanying requisitions. The bills therefor shall be paid by the State Treasurer upon the Comptroller's warrant.

13. The State House Commission shall have power, by written order, to permit purchases to be made by any using agency directly, and not through the State Purchasing Agent, whenever it shall appear to the satisfaction of the State House Commission that by reason of the excess of transportation cost, a lower price with equal quality can be obtained by the using agency, or as in the case of fresh vegetables, fish, eggs, milk and the like perishable articles, where the using agencies are widely scattered and there are nearby local markets, or for any reason, in the judgment of the State House Commission warranting such exception. Such using agencies receiving such permission shall report in writing to the State House Commission their acts and expenditures under such orders.



14. The State House Commission shall have power to make all rules and regulations necessary or proper to the execution of the object of this act and the performance of its duties and the duties of the State Purchasing Agent under the provisions of this act. It shall make an annual detailed report to the Legislature of its operations under this act.

15. The State House Commission and the State Purchasing Agent, in the performance of their duties under this act, shall be subject to the provisions of all the laws of this State applicable to the expenditure of public moneys not inconsistent herewith.

16. The State Purchasing Agent shall be appointed as soon as may be after this act becomes a law, with such assistants, inspectors, clerks and stenographers as may be necessary, and he, together with the State House Commission, shall immediately enter on the performance of their duties, looking to the collection of the necessary information, preparation of the necessary standards, schedules and the like details, necessary to the operation of this act, but this act shall not otherwise become effective until the first day of November, one thousand nine hundred and sixteen. This act shall then become effective throughout; all contracts for furniture, equipment, materials, printing, stationery and supplies then outstanding and unfilled shall pass to and be completed by the State House Commission, but no new contracts or purchases shall be made except in accordance with the provisions of this act. *Provided, however,* that with reference to any using agency, standards for which cannot be completed within the time specified, the State House Commission may establish temporary provisions and regulations or exemption until the standardization therefor is complete.

17. The proceedings of the State House Commission under this act shall be open to the citizens of the State; their minutes and records, and the records, contracts, orders and schedules of the State Purchasing Agent, shall be public records, open to the inspection of any citizen or interested person, firm or corporation, at all reasonable hours.

18. Agreements for purchases may be made in the form of contracts for the furnishing of specific articles at fixed prices, or for the furnishing of articles according to the specifications at a fixed rate with provision for a minimum amount subject to increase at the same rate, or for the furnishing of articles according to specifications without a stated minimum or maximum at a rate stated, commonly known as the "price agreement."

19. Nothing herein contained shall be construed to alter, amend or repeal any provision of any law of this State relating to the purchase or use of the products of the labor of the inmates of any charitable, reformatory or penal institution of this State.

20. All acts and parts of acts inconsistent herewith are hereby repealed.

Approved March 16, 1916.

## LIVE STOCK.

DOMESTIC ANIMALS.													POULTRY AND GAME.						
Oxen.	Cows.	Heifers.	Calves.	Bulls.	Steers.	Horses.	Mules.	Donkeys.	Pigs.	Sheep.	Goats.	Chickens.	Ducks.	Geese.	Turkeys.	Quail.	Pheasants.	Deer.	
Agricultural Experiment Station, Colony for Feeble-Minded, Fish and Game Commissioners— Game Farm, Fish Hatchery, Home for Boys, Home for Girls, Home for Disabled Soldiers at Kearny, Home for Disabled Soldiers at Vineland, State Hospital at Morris Plains, State Hospital at Trenton, Institution for Feeble-Minded, School for the Deaf, Manual Training and Industrial School, State Prison Farm, Quartermaster-General, New Jersey Reformatory, Women's Reformatory, Rutgers College.—The stock listed as belonging to the Agricultural Experiment Station is owned jointly by the Experiment Station and Rutgers College, Sanatorium for Tuberculous Diseases, " " Village for Epileptics,	31 3 2 40 35 115 94 30 14 14 6 29 16	21 ..... ..... ..... ..... ..... 19 50 4 ..... ..... ..... 13 14	14 ..... ..... ..... ..... ..... 6 ..... ..... 2 4 ..... ..... .....	5 ..... ..... ..... ..... ..... 2 ..... ..... 1 1 ..... ..... 1	..... ..... ..... ..... 25 ..... ..... ..... ..... ..... ..... ..... ..... ..... .....	10 12 2 2 2 2 26 22 8 7 9 6 7 5	..... ..... 7 ..... ..... ..... ..... ..... ..... ..... 4 ..... ..... .....	..... ..... ..... ..... ..... ..... ..... 2 ..... ..... ..... ..... ..... .....	142 10 ..... ..... 24 37 ..... 290 180 76 ..... ..... 81 200 22	..... ..... ..... ..... ..... ..... 62 ..... ..... ..... ..... ..... ..... 22	5,000 400 ..... ..... 300 420 50 250 1,250 200 226 ..... 500 104 ..... 600 300	50 ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... 2	3 ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... 2	..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... 2	..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... .....	..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... .....	..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... ..... .....		
Total,	2	499	195	50	18	25	185	21	2	1257	84	2	11,275	102	5	42	350	7,000	60

\*Other cattle.



# ACREAGE.

	Acres of Land Under Cultivation.	Acres in Orchards and Fruits.	Acres in Truck.	Acres in Meadows and Pasture.	Acres of Woodland.	Acres Buildings and Grounds.	Acres Green Houses and Grounds.	Acres in Reservoirs.	Acres in Sewage Disposal Plants.	Acres in Fields.	Acres Dock Property.	Acres Lowlands.	Total Acreage.	Land Fenced.
*Agricultural Experiment Station, .....	100	20	15	75	110	20							340	In part.
Department of Conservation & Development— Forest Reserve														
Woodland														
Field														
Acres.														
Bass River, .....	1613	20												
Jackson, .....	42													
Lebanon, .....	3488													
Mays Landing, .....	373													
Four-Mile Colony, .....	10													
Mt. Laurel, .....	20													
Penn, .....	2764													
Stokes, .....	5500	48												
Washington Crossing Park, .....	100				13800	1.25				78			13979.25	Fences are maintained where interests of state and property owners require.
Colony for Feeble-Minded, .....	3		2.5		3000 about	4							13009.5 about	No.
Fish and Game Commissioners—														
Game Farm, .....	60	1	1	120	250	75							507	Yes.
Fish Hatchery, .....	12	1	49,596		4	40							106,596	60 acres fenced, balance unfenced.
Home for Boys, .....	400	40	30	90	30	30							610	Yes.
Home for Girls, .....		3	40	12	17	12							86	No.
Home for Disabled Soldiers at Kearny, .....						16.25					2.75		19	All except dock property, 2¾ acres.
Home for Disabled Soldiers at Vineland, .....	11				8	10							29	Land is fenced on all sides but the front.
State Hospital at Morris Plains, .....	194.30		65.74		495.245	117.455	3.018	9.46	11.782				897	No.
State Hospital at Trenton, .....	179		38	54	47	148							468	Yes.
Institution for Feeble-Minded, .....	90	10	24		8	17							149	1½ acres.
School for the Deaf, .....						8							8	Yes.
Manual Training and Industrial School, .....	80	20	5	3	106	10							224	No.
Normal School at Montclair, .....						25							25	No.
Normal School at Trenton, .....						8							8	Yes.
State Prison and Farm, .....	101		6		500	25.33				400			1032.33	Prison land entirely. 20 acres of farm.
Quartermaster-General—														
Sea Girt Camp Grounds, .....						165							165	
Arsenal, .....						3.2							3.2	
*Rutgers College.—The land owned by this college is placed at the disposal of the Agricultural Experiment Station without charge, and is shown in the statement of the Experiment Station. ....														
New Jersey Reformatory, .....	141	2	28	82	22	4						30	309	Very little.
Reformatory for Women, .....	85	11	27	212	7	3							345	Yes.
Sanatorium for Tuberculous Diseases, .....	200	6	12	6	214.5	10							448.5	Partly.
Village for Epileptics, .....	520	55	17	90	68	255							1065	Partly. Pastures and land adjoining neighboring farms all fenced.
Totals, .....	2273.30	173	358.336	674	15746.745	1003.485	3.018	9.46	11.782	478	2.75	30	20763.876	

†The land listed under Colony for Feeble-Minded forms a part of the Forest Reservation shown under the Department of Conservation and Development at Lebanon and Four-Mile, and is not included in any total.

## VEHICLES.

MOTOR VEHICLES.		MOTORLESS VEHICLES.										
	Kind.	No.									Miscellaneous.	
			Sleighs.	Farm Wagons.	Market Wagons.	Carts.	Buggies.	Station Wagons.	Carriages.	Coal Wagons.		
Agricultural Experiment Station.	Motorcycle.	1	6	1	1	1	1	1	1	1	1	1
Colonies for Feeble-Minded.	Ford, with Truck Body.	1	1	1	1	1	1	1	1	1	1	1
Fish and Game Commissioners—	Garford Trucks.	1	3	3	3	3	3	3	3	3	3	3
Farm.	Ford.	1	15	15	15	15	15	15	15	15	15	15
Hatchery.	Overland.	1	1	1	1	1	1	1	1	1	1	1
Home for Boys.	Briscoe, 5-Passenger.	1	1	1	1	1	1	1	1	1	1	1
Home for Girls.	5 H-P Reo.	1	1	1	1	1	1	1	1	1	1	1
Soldiers Home at Kearny.	Ford Jifney.	1	3	3	3	3	3	3	3	3	3	3
Soldiers Home at Vineland.	Overland.	1	2	2	2	2	2	2	2	2	2	2
State Hospital at Morris Plains.	7-Passenger Cole Touring Car.	1	6	6	6	6	6	6	6	6	6	6
State Hospital at Trenton.	5-Passenger Cars.	2	2	2	2	2	2	2	2	2	2	2
Institution for Feeble-Minded.	Hudson Super-Six.	1	2	2	2	2	2	2	2	2	2	2
School for Deaf.			6	6	6	6	6	6	6	6	6	6
Manual Training and Industrial School.	Automobile.	1	4	4	4	4	4	4	4	4	4	4
State Prison and Farm.	Cadillac and Ford.	2	3	3	3	3	3	3	3	3	3	3
Quartermaster-General.	Automobile, 6-Passenger.	1	2	2	2	2	2	2	2	2	2	2
New Jersey Reformatory.	Jifney.	1	3	3	3	3	3	3	3	3	3	3
Women's Reformatory.			11	11	11	11	11	11	11	11	11	11
Rutgers College.	Auto Stage Truck.	1	2	2	2	2	2	2	2	2	2	2
Sanatorium for Tuberculous Diseases.	2 Passenger and 2 Truck.	4	2	2	2	2	2	2	2	2	2	2
Village for Epileptics.			2	2	2	2	2	2	2	2	2	2
Total.		24	68	2	19	6	8	39	2	82	2	82



**The Following Institutions Produce Their Own Light and Power in Their Respective Plants:**

	Value of Plant.	Average Annual Cost of Production.
State Home for Boys, .....	\$20,500.00	Electric Light, \$9,500.00
Home for Disabled Soldiers at Vineland, .....	24,470.00	
State Hospital at Morris Plains, .....	67,695.35	
Normal School at Trenton—Part of the Heating Plant. Cost of Lighting over and above heat- ing, approximately, .....		700.00
Sanatorium for Tuberculous Diseases, .....	65,589.22	
N. J. Reformatory, .....	101,220.00	
Total, .....	\$257,451.57	

**The Following Institutions Purchase Their Light and Power:**

	Kind of Light.	Average Annual Cost.
Agricultural Experiment Station, .....	Gas and Electricity, .....	\$1,500.00
Colony for Feeble-Minded, .....	Oil Lamps, .....	
Fish and Game Commissioners—		
Farm, .....	Electric Light, .....	260.00
Hatchery, .....	Electric Light, .....	300.00
Home for Girls, .....	Electric Light, .....	\$1,878.51
	Gas, .....	18.81
Home for Disabled Soldiers at Kearny, .....	Electric Light, .....	137.60
	Gas, .....	3,067.48
State Hospital at Trenton, .....	Electric Light, .....	6,617.07
Institution for Feeble-Minded, .....	Electric Light, .....	4,224.50
School for the Deaf, .....	Electric Light, .....	458.30
	Gas, .....	590.68
Manual Training and Industrial School, .....	Electric Light, .....	174.00
	Gas, .....	744.00
State Prison and Farm, .....	Gas, .....	8,341.00
	Electric Light, .....	4,304.00
	Kerosene, .....	86.40
Normal School at Montclair, .....	Electric Light, .....	300.88
	Gas, .....	117.48
Quartermaster-General—		
Sea Girt Camp Grounds, .....	Gas and Electricity, .....	300.00
Rutgers College, .....	Gas and Electricity, .....	420.00
†Reformatory for Women, .....	Electric Light, .....	
Village for Epileptics, .....	Electric Light, .....	3,848.16
Total, .....		\$37,688.87

†Present system of electric lighting has not been in operation in this institution for a full year.

Consolidated Analysis of Expenses of State Educational Institutions  
for Fiscal Year Ending October 31st, 1915.

Consolidated Analysis of Expenses of State Educational Institutions  
for Fiscal Year Ending October 31st, 1915.

[illegible]

CREDITABLE AND CORRECT INSTITUTIONS





MINUTES OF THE MEETING OF THE ADVISORY BOARD, CREATED BY THE PURCHASING ACT OF 1916, HELD IN THE OFFICE OF THE STATE COMPTROLLER, STATE HOUSE, TRENTON, N. J., AT 11 A. M., FRIDAY, AUG. 18, 1916.

The first regular meeting of the Advisory Board, under the Purchasing Act of 1916, was held at the above place and date, the following representatives of various State institutions being present:

Dr. David F. Weeks, Superintendent, Village for Epileptics, Skillman.  
Mr. O. M. Bowen, Warden, State Hospital, Morris Plains.  
Mr. S. T. Atchley, Warden, State Hospital, Trenton.  
Dr. S. B. English, Superintendent, State Tuberculous Sanatorium, Glen Gardner.  
Dr. M. A. Hallowell, Superintendent, State Institution for Feeble Minded, Vineland.  
Mr. J. F. Macomber, State Colony for Feeble Minded Males, Four Mile.  
Mr. R. J. Drever, Superintendent, Home for Boys, Jamesburg.  
Mrs. Eliz. V. H. Mansell, Superintendent, State Home for Girls, Trenton.  
Mr. Jacob Shurts, President Board of Inspectors, State Prison, Trenton.  
Mr. John Bodine, Secretary, Board of Managers, Home for Disabled Soldiers, Vineland.

Mr. George F. Chandler, Quartermaster, Home for Disabled Soldiers, Kearney.  
Mrs. Isabel Vanderburgh, State Normal School, Newark.  
Mr. W. M. Kilpatrick, Principal, School for the Deaf, Trenton.  
Mr. J. S. Neary, Steward, State Normal School, Trenton.  
Mr. W. R. Valentine, Principal Manual Training School for Colored Youth, Bordentown.

Mr. Wm. H. Schults, Steward, Village for Epileptics, Skillman.  
Mr. E. E. Grosscup, State Purchasing Agent.  
Mr. J. J. Nevin, Assistant to the Comptroller, representing the Comptroller.  
Mr. Grosscup informed the Board of the purpose of the meeting.  
Dr. David F. Weeks was duly elected Chairman of the Advisory Board, and Mr. J. S. Neary was duly elected secretary of said Board.

The following articles were brought before the Board, discussed and submitted to vote, and were adopted as standards:

- 1 Apples, evaporated, York State, fancy ring cut, or equal, in 50 lb. boxes, new crop, per lb.
- 2 Apples, sour, canned, No. 10 cans, 12 cans to case, new crop, per case.
- 3 Royal Baking Powder, or equal, 5 lb. cans,  $\frac{1}{2}$  doz. cans to case.
- 4 Beans, Pea, York State, or equal, new crop, per lb.
- 5 Beans, Dried Lima, California, or equal, new crop, per lb.
- 6 Chocolate, Walter Baker, in 6 lb. boxes per lb.
- 7 Cocoa, Walter Baker, in 6 lb. boxes, per lb.
- 8 Cocoa, in 200 lb. barrels, per sample. (Dr. English will submit specification for this cocoa.)
- 9 Cocoanut, Dunham's Pure, loose, shredded, in  $\frac{1}{2}$  lb., 1 lb. cartons and 20 lb. packages.
- 10 Cornstarch, Kingsford, in 1 lb. packages, 48 packages to box, and in bulk.

- 11 Cornmeal, fine, yellow, kiln dried, 200 lbs. to bbl., per lb.
  - 12 Cornmeal, granulated, yellow, kiln dried, 200 lbs. to bbl., per lb.
  - 13 Corn, York State, Maine, or Michigan standard, in No. 10 cans, — cans to case, new crop, per case.
  - 14 Corn, York State, Maine or Michigan standard, in No. 2 cans, — cans, to case, new crop, per case.
  - 15 Corn Flakes, Kellogg, 36 10 oz. pkgs. to container.
  - 16 Currants, 1 lb. pkgs., best, cleaned, 1 doz. pkgs. to case, Sunbeam or equal.
  - 17 Currants, best, cleaned, Sunbeam or equal, in 50 lb. pkgs.
  - 18 Gelatine, sheet, in lb. pkgs.
  - 19 Gelatine, Coopers, instant powdered, net weight— oz. to pkg., — pkgs. to box.
  - 20 Grape Nuts, in 14 oz. pkgs., 24 pkgs. to case, per case.
  - 21 Hominy, fine, in bbls., 200 lbs. to bbl., per lb.
  - 22 Macaroni loose, must be clear macaroni, in 25 lb. boxes, per lb.
  - 23 Macaroni in 1 lb. cartons, King Midas, or equal.
  - 24 Molasses, New Orleans, open kettle, in bbls. by gals.
  - 25 Mushrooms, pts., Robert Brand, stems and pieces, 100 pts. to case.
  - 26 Mustard, Golden, 8 oz. bottles, or equal, 4 doz. to box.
  - 27 Mustard, No. 1, yellow, ground, in 6 or 12 lb. boxes.
  - 28 Rolled Oats, 180 lbs. to bbl., Shoemaker's Avena, or equal, per lb.
  - 29 Olive Oil, Pure Italian, in 1 gal. cans, 6 cans to case, per case.
  - 30 Olives, Selected Spanish, Gold Seal, or equal, 260 to 280 to gal., per gal.
  - 31 Olives, Selected Spanish, 14 oz. bottles, 42 to 46 olives to bottle.
  - 32 Olives, selected, 15½ oz. to the bottle.
  - 33 Olives, stuffed, Manzenilla, 14 oz. to the bottle.
  - 34 Peaches, California Muir, unpeeled, evaporated, choice quality, current crop, delivered in boxes containing 25 or 50 lbs., per lb.
  - 35 Peas, extra sifted, Early June, Brakeley's or equal, 2 doz. cans to case, size No. 2, new crop, per case.
  - 36 Peas, French, Barton Brand, imported peas, or equal, 100 pt. cans to case.
  - 37 Canned peas shall be full packed, of the quality, content and size of container specified, and equal to the standard sample exhibited by the contracting department. They shall be from the latest crop, fresh, clean and sound, and shall conform in all respects to the laws and standards of the United States and the State of New Jersey.
- They shall be early June, Number Three (No. 3) sieve and tender, delivered in what are known to the trade as Number Two (No. 2) and Number Ten (No. 10) tins, as called for in the schedules.
- Payment shall be made for the number of dozen tins accepted, at the price bid per dozen tins, delivered in the size of container specified.
- 38 Pickles, sweet, in bottles, 14 oz. bottles, 2 doz. to case, per doz.
  - 39 Pickles, sour, 1200s, 45 gal. bbls., per bbl. Prices will also be obtained on quarter, half and full barrels.
  - 40 Pickles, sweet, 1200s, 45 gal. bbls., per bbl. Prices will also be obtained on quarter, half and full barrels.
  - 41 Dill pickles shall be of the quality, content and size of container specified, and equal to the standard sample exhibited by the contracting department. They shall conform in all respects to the laws and standards of the United States and the State of New Jersey. The measure shall be net measure.
- They shall be domestic or imported genuine dills, whole cucumber, four (4) to five (5) inches in length, first quality, latest crop, no alum.
- They shall be delivered in casks containing thirty-two gallons to count approximately nine hundred pickles to the cask, or in kegs containing ten gallons to count approximately two hundred eighty pickles to the keg, as called for in the schedules.
- Payment shall be made for the number of casks or kegs accepted, at the price per cask or keg.

42 Whole Peas, dried, shall be either Scotch or green, not older than the crop of year previous to year in which purchases are to be made, sound, wholesome and in every respect first quality.

The weight shall be net weight.

They shall be delivered in the manner as called for in the schedules.

Payment shall be made for the number of pounds accepted, at the price bid per pound.

43 Split peas, dried, shall be yellow, not older than the crop of year previous to year in which purchases are to be made, sound, wholesome and in every respect first quality.

The weight shall be net weight.

They shall be delivered in the manner as called for in the schedules.

Prices will be obtained on 1 lb. cartons, 50 lb. and 100 lb. pkgs. and bags.

Payment will be made for the number of pounds accepted, at the price bid per pound.

44 Prunes, Best California, 50-60, 50 lb. boxes, new crop, per lb.

45 Rice shall be of the quality, weight, content and size of container specified, and equal to the standard sample exhibited by the contracting department. It shall conform in all respects to the laws and standards of the United States and the State of New Jersey.

It shall be whole, domestic, well-milled, fresh and free from dirt.

The weight shall be net weight.

It shall be delivered in bags of the size as called for in the schedules.

Payment shall be made for the number of pounds accepted, at the prices bid per pound.

46 Rice, whole, unpolished, No. 1 Carolina.

47 Raisins, cleaned and seeded, in 25 lb. pkgs.

48 Seedless Raisins shall be of the quality, weight, content and size of container specified, and equal to the standard sample exhibited by the contracting department. They shall conform in all respects to the laws and standards of the United States and the State of New Jersey.

They shall be California, of current crop and choice quality.

The weight shall be net weight.

They shall be delivered in cartons containing one pound.

Payment shall be made for the number of pounds accepted, at the price bid per pound.

49 Loose muscatel raisins shall be of the quality, weight, content and size of container specified, and equal to the standard sample exhibited by the contracting department. They shall conform in all respects to the laws and standards of the United States and the State of New Jersey. The weight shall be net weight.

They shall be of the kind known to the trade as "Three Crown" Californian, current crop.

They shall be delivered in bulk in the kind of container as called for in the schedules.

Payment shall be made for the number of pounds accepted, at the price bid per pound.

50 Table salt shall be of the quality, weight, content and size of container specified, and equal to the standard sample exhibited by the contracting department. It shall conform in all respects to the laws and standards of the United States and the State of New Jersey.

It shall be high grade, fine grain, clean, vacuum pan table salt.

The weight shall be net weight.

It shall be delivered in barrels containing two hundred eighty pounds, as called for in the schedules.

Payment shall be made for the number of pounds accepted, at the price bid per pound, delivered in the kind of container specified.



51 Worcestershire Sauce, 5¼ oz. bottles, Lea & Perrin's, 36 bottles to case, per case.

52 Sauce, table, "Yorkshire."

53 Granulated sugar shall be of the quality, weight, content and size of container specified, and equal to the standard sample exhibited by the contracting department. It shall conform in all respects to the laws and standards of the United States and the State of New Jersey.

It shall be of the kind and quality known to the trade as Standard or Fine.

The weight shall be net weight.

It shall be delivered in barrels or bags as called for in the schedules.

Payment shall be made for the number of pounds accepted, at the price bid per pound, delivered in the kind of container specified.

54 Powdered sugar shall be of the quality, weight, content and size of container specified, and equal to the standard sample exhibited by the contracting department. It shall conform in all respects to the laws and standards of the United States and the State of New Jersey.

It shall be of the kind and quality known to the trade as Standard Powdered.

The weight shall be net weight.

It shall be delivered in the kind and size of container as called for in the schedules.

Payment shall be made for the number of pounds accepted, at the price bid per pound, delivered in the kind and size of container specified.

55 Loaf sugar shall be of the quality, weight, content and size of container specified, and equal to the standard sample exhibited by the contracting department. It shall conform in all respects to the laws and standards of the United States and the State of New Jersey.

It shall be of the kind and quality known to the trade as Standard Cube.

The weight shall be net weight.

It shall be delivered in the kind and size of container as called for in the schedules.

Payment shall be made for the number of pounds accepted, at the price bid per pound, delivered in the kind and size of container specified.

56 Soft sugar shall be of the quality, weight, content and size of container specified, and equal to the standard sample exhibited by the contracting department. It shall conform in all respects to the laws and standards of the United States and the State of New Jersey.

It shall be of the kind and quality known to the trade as C Number Twelve.

The weight shall be net weight.

In case of a dispute as to the quality of any delivery, soft sugar shall conform to the following analysis, made according to the methods employed by the United States Department of Agriculture.

The sugar shall contain not more than five (5) per cent. of moisture on delivery, and not less than ninety (90) per cent. of sucrose, as determined by double polarization, and not more than five (5) per cent. of invert sugar.

It shall be delivered in barrels, or in bags as called for in the schedules.

Payment shall be made for the number of pounds accepted, at the price bid per pound, delivered in the kind of container specified.

57 Granulated sugar (for medicinal purposes) shall be of the quality, weight, content and size of container specified and equal to the standard sample exhibited by the contracting department. It shall conform in all respects to the standard of the United States Department of Agriculture.

It shall be of the kind and quality known to the trade as confectioners' granulated.

The weight shall be net weight.

It shall be delivered in the kind and size of container as called for in the schedules.

Payment shall be made for the number of pounds accepted, at the price bid per pound, delivered in the kind and size of container specified.

58 Buckwheat Flour, Hecker's or equal, in 100 lb. sacks, per lb.

- 59 Syrup, Boston Pure Drip, light color. Bids will be asked for by the bbl.,  $\frac{1}{2}$  bbl., and  $\frac{1}{4}$  bbl.
- 60 Tapioca, Pearl, in bulk, in boxes, or bbls., per lb.
- 61 Soda Crackers, N. B. C. Co.,  $9\frac{1}{4}$  oz. pkgs., 12 to carton, per carton.
- 62 Saltine Crackers, N. B. Co.
- 63 Codfish, Georges Banks, boneless stripped, 40 lbs. net to box, must be labeled "codfish," per lb.
- 64 Hake, salt, choice, white stripped, in boxes, 40 lb. net to box, per lb.
- 65 Mackerel, salted No. 2 Norway, fat, fall caught, free from rust, 220 to 240 count, 200 lbs. to bbl. To be delivered in  $\frac{1}{4}$ ,  $\frac{1}{2}$  or full bbls., as ordered, per bbl.
- 66 Mackerel, shore, No. 1.
- 67 Herring, salt, choice split, 550 fish to bbl.
- 68 Vinegar, shall be made from pure apple juice containing not less than  $4\frac{1}{2}$  per cent. Acetic Acid ( $C^2H^4O^2$ ) by weight, and not less than 2 per cent of pure cider vinegar solids, on full evaporation over boiling water. It shall be free from ingredients of lead, copper or sulphuric acid and shall contain no artificial matter. It shall be delivered in correctly gauged barrels. In bbls., per gal.
- 69 Asparagus, California, white, in 1 lb. cans (2 doz. cans to case) and in No. 10 cans, new crop, per case.
- 70 Armour's Extract Beef, 4 oz. cans solid, 1 doz. cans to case, per case.
- 71 Condensed Milk, Eagle Brand, 48 cans to case, per case.
- 72 Pork, fancy, clear pork, 75 to 80 pcs. to bbl., to weigh 200 lbs. net per bbl.; per bbl.
- 73 White Cherries, Standard Royal Ann No. 8, 6 cans to case, per case. Price also to be obtained on same in No. 10 cans.
- 74 Uneeda Biscuit, 1 doz. pkgs. to carton, per carton.
- 75 Yeast, Fleischmann, in 1 lb. pkgs. per lb.
- 76 Postum, large size, 2 doz. pkgs. to carton, per carton.
- 77 Spring Wheat patent flour shall be made from sound, hard wheat by the patent process with the clear flour taken out. It shall contain not less than eleven and five-tenths (11.5) per cent. of gluten and not more than forty-nine hundredths (0.49) per cent. of ash and shall be equal to the standard sample to be deposited by the contracting department with the Flour Committee of the New York Produce Exchange.
- Wheat flour (number one) shall be full stock winter wheat, straight flour and sound, equal to the standard sample to be deposited by the contracting department with Flour Committee of the New York Produce Exchange and there known as sample "No. 1."
- Wheat flour (number two A) shall be Kansas ninety-five (95) per cent. patent flour and sound, equal to the standard sample to be deposited with the Flour Committee of the New York Produce Exchange and there known as sample "No. 2A."
- Wheat flour (number two C) shall be spring bakers' flour and sound, equal to the standard sample to be deposited by the contracting department with the Flour Committee of the New York Produce Exchange and there known as sample "No. 2 C."
- 78 Steer Beef, to be selected from native corn fed cattle, weighing from 700 to 750 lbs. average on dressed carcasses.
- 79 Mutton, must be fresh, good, fat, and marketable, from wethers over one year and under three years old. The carcasses must be trimmed as follows, and the average weight in that condition must not be less than 40 lbs.: Hog dressed, plucks in, head must be cut off at the first vertible joint, the shanks of the fore-quarters at the knee joint and the hind quarters at the hock joint; mutton must be good quality and handy.
- 80 Spring lambs, must be fresh, good, fat, and marketable. The carcasses must be trimmed as follows, and the average weight in that condition must be between 35 and 45 lbs.: Hog dressed, plucks in, head must be cut off at the first vertible joint, the shanks of the fore quarters at the knee joint and the hind quarters at the hock joint; lamb must be good quality, and handy.
- 81 Yearling lambs, must be fresh, good, fat, and marketable. The carcasses must be trimmed as follows, and the average weight in that condition must be between 35 and 45 lbs.: Hog dressed, plucks in, head must be cut off at the first vertible joint, the



shanks of the fore quarters at the knee joint and the hind quarters at the hock joint; lamb must be good quality and handy.

82 Smoked Beef, inside pieces, thick, well dried.

83 Skinback Hams, must be of the best quality weighing from 16 to 18 lbs. each, average 17 pounds, neatly and closely trimmed, perfectly cured, slowly and thoroughly smoked, cut short, well rounded at the butt, properly faced, cut just above the hock joint, per lb.

84 Regular Hams, average 12 lbs.

85 Fresh Fish, consisting of weak, haddock, cod, seabass, flounders, croakers and porgies. Fish must be cleaned and have the head taken off, and insides out. The party receiving the contract must not furnish the same kind of fish two weeks in succession. The contractor will also be required to furnish seabass, porgies, flounders and croakers in the height of season, 50 lbs. of each order will be special according to season and as ordered by the Warden, per lb.

86 Clams in shell, per 100.

87 Clams, opened, per 100.

88 Lard, in tubs, pure hog lard, must be unadulterated, per lb.

89 Compound Lard.

90 Butter, Creamery First and Extra, as listed in New York and Philadelphia Mercantile Exchanges. To be fresh made specials at the time of each and every delivery, accompanied by a certificate from the official inspector of the New York or Philadelphia Exchanges with each shipment. In 30 or 60 lb. tubs, per lb.

91 Butter "Best Print" Creamery Special Extra, to be fresh made at the time of each and every delivery and of the highest quality accompanied by a certificate from the official inspector of the New York or Philadelphia Mercantile Exchanges with each order, per lb.

92 Butter substitutes, to be furnished in the kind and quantity specified in the schedules.

93 Eggs, fresh gathered, extra firsts, shall be packed in standard 30 doz. cases, must consist of full, strong body, sweet, fresh, clean eggs, of uniform, good size; net weight to be 43 lbs. per crate. Nothing but chicken eggs accepted. Per doz.

94 Frankfurters, to be made from first class pork and good, fresh bull beef trimmings, free from cereal and with good casings. U. S. Inspected. Per lb.

95 Bologna, to be made from first class and good fresh bull beef trimmings, and good casings, free from cereal. U. S. Inspected. Per lb.

96 Cheese. Cheese shall be of the quality known as "factory," New York State branded, made from whole milk, sound, firm, good body and flavor, white or colored, or may be slightly mottled. Whole cheese shall weigh about sixty (60) pounds each, and half cheeses shall weigh about thirty lbs. each. The contractor shall furnish New York Mercantile Exchange inspection, and each package delivered shall bear the stamp of the inspector of said exchange, of proper date to correspond with certificate of inspection. It shall be delivered in either whole or half cheese as called for in the schedule.

97 Black Pepper, it shall be pure, dry, unadulterated, ground and sifted, Singapore, black pepper, the weight shall be net weight. It shall be delivered in tight, closed tins containing 6 lbs. or  $\frac{1}{4}$  lb., as called for. Per lb.

98 Cinnamon, ground pure, per lb.

99 Cinnamon, whole, pure, per lb.

100 Nutmegs, whole, large size, per lb.

101 Allspice, ground, pure, per lb.

102 Allspice, whole, pure, per lb.

103 Tea, Formosa, in one-half chests, per lb.

104 Coffee (Ruling to be made; Atchley's mixture discussed).

105 Oysters, primes, opened, per 100.

106 Oysters, primes, in shells, per 100.

107 Oysters, culls, opened, per 100.

108 Oysters, culls, in shells, per 100.

109 Milk, fresh dairy, to be delivered in such quantities as ordered. Contract to cover.

No. 1 Milk shall comply with all legal standards for that product.

No. 2 Milk when delivered shall not contain more than 50,000 bacteria per cu. cc. from Oct. 15th to May 15th; nor over 100,000 bacteria per cu. cc. from May 15th to October 15th and shall be free from pathogenic bacteria.

No. 3 Milk shall contain no visible dirt or sediment.

No. 4 Milk shall be delivered within 18 hours after milking and at the time of delivery shall have a temperature not exceeding 50 degrees F., per qt.

110 Cows' Livers, must be fresh and of good appearance, showing no evidence of disease, per lb.

111 Celery seed, whole, per lb.

112 Ginger, ground, pure, per lb.

113 Soda Bi-Carbonate, Dwight's Cow Brand, in  $\frac{1}{2}$  lb. pkgs. 36 pkgs. to case, per case.

114 Soda Bi-Carbonate, in 20 lb. boxes.

115 Bacon, smoked, best boneless, per lb.

116 Beans, stringless, canned, No. 2 can, 24 cans to case, also No. 10 can.

117 Catsup, Curtis Blue Label, 14 oz. bottles, 25 bottles to case; also in gallon cans.

118 Catsup, Snyder's, in gallon containers.

119 Cornmeal, white, per lb.

120 Cranberries, per crate, and per half bushel.

121 Oyster Crackers, Exton or equal, loose, in boxes or bbls., per lb.

122 Figs, California, in 10 oz. pkgs., 12 pkgs. to box, per lb.

123 White Grapes, in kegs, 30 lbs. net to keg, per keg.

124 Prepared Ham, per lb.

125 Nuts, almonds, per lb.

126 Nuts, English Walnuts, per lb.

127 Onions, in sacks, 2 bu. to sack.

128 Oranges, Best Grade, 150, 176 or 216, per box.

129 Lemons, Best Grade, California, or equal, 360 lemons to box, per box.

130 Pineapples, shall be of the kind known to the trade as size 24 suitable for immediate use. They shall be sound, wholesome, and in every respect first quality. They shall be delivered in the manner as called for. Per crate.

131 Puffed Rice, 36 pkgs. to case, per case.

132 Turkeys shall be fresh, fleshy and of good quality, dry picked, New York dressed (which means undrawn with the head and feet left on) and otherwise cleanly and properly dressed. Between the dates of November 1st and February 1st only fresh killed, chilled turkeys which are not and have not been frozen shall be accepted. During the remaining months of the year frozen fresh turkeys of the quality herein specified shall be accepted, but at no time shall turkeys which have been frozen and thawed out be accepted.

They shall weigh not less than ten (10) nor more than fifteen (15) pounds each.

They shall be delivered as called for in the schedules and receipts shall be given for weights as received at the point of delivery.

Payment shall be made for the number of pounds accepted, at the price bid per pound.

133 Fresh cut pork loins shall be of good quality, regular commercial New York cut, from corn-fed hogs, each loin to weigh between eight and ten pounds, with the skin removed and including only half the backbone, ribs and spinal column. No loins from stags or old sows and frozen or thawed out pork shall be accepted.

All fresh pork shall be covered when, and in the manner, called for in the schedules.

They shall be delivered in the manner as called for in the schedules.

Payment shall be made for the number of pounds accepted, at the price bid per pound.

134 Fresh pork sausage shall be made from strictly fresh pork with not more than one-third (1-3) by weight of fat and shall be inspected and stamped by an inspector of the United States Bureau of Animal Industry, and so marked.

The casings of the sausage shall be either sheep or hog casings, as called for in the schedules.

When sheep casings are used there shall be eight (8) to ten (10) sausages to the pound and when hog casings are used there shall be six (6) to eight (8) sausages to the pound.

They shall be delivered in the manner as called for in the schedules.

Payment shall be made for the number of pounds accepted, at the price bid per pound.

135 Canned sardines shall be full packed, of the quality, content and size of container specified, and equal to the standard sample exhibited by the contracting department. They shall conform in all respects to the laws and standards of the United States and the State of New Jersey.

They shall be French, boneless, each tin containing eight (8) to twelve (12) fish packed in pure olive oil.

They shall be delivered in what are known to the trade as "Number One-half" (No.  $\frac{1}{2}$ ) tins.

Payment shall be made for the number of dozen tins accepted, at the price bid per dozen tins.

136 Salmon, Red Alaska, No. 1 tall tin.

137 Fresh veal shall be of good quality from milk-fed calves, dressed with the skins removed and shall be full carcasses or hind quarters, as called for in the schedules. No frozen, grass or bob veal shall be accepted.

Full carcasses, dressed, shall weigh between ninety (90) and one hundred twenty-five (125) pounds. Hind quarters, dressed, shall be from carcasses of the same weight as that herein specified for full carcasses.

The veal shall be from calves that have been slaughtered for not less than two days. All fresh veal shall be covered when, and in the manner, called for in the schedules. It shall be delivered in the manner as called for in the schedules.

Payment shall be made for the number of pounds of full carcasses and the number of pounds of hind quarters accepted, at the price bid per pound for each kind specified.

138 Salt Pork (pork bellies) shall be clear bellies from corn fed hogs and shall weigh from ten (10) to twelve (12) pounds each.

They shall be delivered with the pickle on in wood barrels containing two hundred pounds net weight.

Payment shall be made for the number of barrels accepted, at the price bid per barrel.

139 Fowl, No. 1, weighing  $3\frac{1}{2}$ -4 lbs. each, fresh when frozen, in lots of approximately 300 lbs. as ordered.

140 Fowl shall be fresh, fleshy and of good quality, dry picked and New York dressed (which means undrawn with the head and feet left on) and otherwise cleanly and properly dressed. Between the dates of June 1st and January 1st only fresh killed, chilled fowl, which are not and have not been frozen, shall be accepted. During the remaining months of the year frozen fresh fowl of the quality specified herein shall be accepted, but at no time shall fowl that have been frozen and thawed out be accepted. Fowl shall weigh from four (4) to five (5) pounds each.

Fowl shall be delivered in the manner as called for in the schedules, and receipts shall be given for weights as received at the point of delivery.

Payment shall be made for the number of pounds accepted, at the price bid per pound.

141 Chickens shall be young, fresh, fleshy and of good quality, dry picked, New York dressed (which means undrawn with the head and feet left on) and otherwise cleanly and properly dressed. Between the dates of September 1st and January 1st only fresh killed, chilled chickens, which are not and have not been frozen, shall be accepted. During the remaining months of the year frozen fresh chickens of the quality specified



herein shall be accepted, but at no time shall chickens which have been frozen and thawed out be accepted.

Fresh killed, chilled chickens shall weigh from two and one-half (2½) to four and one-half (4½) pounds each, with an average weight of three and one-half (3½) pounds each. Frozen chickens shall weigh from three and one-half (3½) to four and one-half (4½) pounds each.

They shall be delivered in the manner as called for in the schedules, and receipts shall be given for weights as received at the point of delivery.

Payment shall be made for the number of pounds accepted, at the price bid per pound.

142 Fresh Hams, to weigh about ten pounds each, on average.

143 Fresh calves' liver shall be from sound calves. It shall be inspected and stamped by an inspector of the United States Bureau of Animal Industry.

All fresh liver shall be covered when, and in the manner, called for in the schedules.

It shall be delivered in the manner as called for in the schedules.

Payment shall be made for the number of pounds accepted, at the price bid per pound.

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MINUTES OF THE MEETING OF THE ADVISORY BOARD UNDER  
THE STATE PURCHASING ACT, HELD IN THE OFFICE OF  
THE STATE COMPTROLLER, STATE HOUSE,  
TRENTON, N. J., AUGUST 21, 1916.

The second regular meeting of the Advisory Board under the Purchasing Act of 1916 was held at the above place and date, the following members being present:

- Dr. David F. Weeks, Chairman, Superintendent Village for Epileptics, Skillman.  
Mr. J. S. Neary, Secretary, Steward, State Normal School, Trenton.  
Mr. Walter M. Kilpatrick, Superintendent, School for the Deaf, Trenton.  
Mr. J. F. Macomber, State Colony for Feeble Minded Males, Four Mile.  
Mrs. E. V. H. Mansell, Superintendent, State Home for Girls, Trenton.  
Mr. S. T. Atchley, Warden, State Hospital, Trenton.  
Mr. W. R. Valentine, Principal Manual Training School for Colored Youth, Bordentown.  
Mr. O. M. Bowen, Warden, State Hospital, Morris Plains.  
Mr. John W. Bodine, Secretary, Board of Managers, Home for Disabled Soldiers, Vineland.  
Mr. George F. Chandler, Quartermaster, Home for Disabled Soldiers, Kearny.  
Dr. S. B. English, Superintendent, State Tuberculous Sanatorium, Glen Gardner.  
Mr. Wm. Schultz, Steward, Village for Epileptics, Skillman.  
Dr. M. A. Hallowell, Superintendent, State Institution for Feeble Minded, Vineland.  
Mr. Jacob Shurts, President Board of Inspectors, State Prison.  
Mr. E. E. Grosscup, State Purchasing Agent.  
Mr. J. J. Nevin, Representing the Comptroller.

The minutes of the last meeting were read and approved.

DR. ENGLISH: Mr. Chairman, I move that each member be asked to present at the next meeting such items as have not been considered, or which were not included in the schedules that have been gone over for the division that has been considered.

MR. ATCHLEY: I second the motion.

Whereupon the motion was regularly placed before the Board by the Chairman and adopted.

**Butterine Discussed.**

DR. ENGLISH: I move you that the Chairman appoint a sub-committee to work out a specification on butterine.

MR. MACOMBER: I second that motion.

Whereupon the motion was regularly placed before the Board by the Chairman and adopted; and the Chairman appointed Mr. Atchley, Dr. English and Mr. Bowen to serve on such sub-committee.

**Special Fish Discussed.**

DR. ENGLISH: I move that the matter of special fish be referred to a committee to work out a specification.

MR. MACOMBER: I second the motion.

Whereupon the motion was regularly placed before the Board by the Chairman and adopted; and the matter of special fish was referred by the Chairman to the committee already appointed on Butterine.



On motion of Mr. Chandler, the minutes of the last meeting were amended by the addition of the following item: "136½. Red Alaska Salmon, in barrels, salted."

### Coffee Discussed.

MR. BODINE: I move to refer coffee to the same committee.

MRS. MANSELL: Second the motion.

Whereupon the motion was regularly placed before the Board by the Chairman and adopted; and the subject of coffee was referred to the committee already appointed.

### Cocoa Discussed.

DR. ENGLISH: I will furnish the sample of the cocoa I buy in bulk later. I would like to get in as a standard this substitute for coffee, "Old Grist Mill Coffee, 24 packages to the case." That is what my people use.

Whereupon the above substitute for coffee was regularly adopted as a standard.

On motion of Mr. Atchley, regularly seconded and adopted, Mr. Shurts, of the Prison, was requested to submit the specification for the coffee, or coffee substitute, they are now using at State Prison, to the Committee on Coffee.

THE CHAIRMAN: The next items to be considered are House Supplies. If there is no objection to them as read, they will be checked and considered as approved.

(The Secretary thereupon read the items upon the House Supplies Schedule of the State Hospital at Trenton.)

Upon motion, duly seconded and passed, the Purchasing Agent was requested to procure samples of the following articles: Table ware (knives, forks, spoons, etc.), china ware, tin ware, enamel ware and glass ware.

After discussion, the Chairman directed that the items in the above classes, appearing on the schedule of State Hospital, Trenton, be submitted to the Purchasing Agent as a guide for him in procuring samples. These items follow, the numbers being those on the State Hospital House Supplies Schedule:

- 11 Tin Wash Basins, Puritan Ware, No. 1400, 14" diameter, per doz.
- 14 Cups, tin, pts., Puritan ware, AAAAA, rust proof coating, 1, XXXX No. 105, per doz.
- 15 Dippers, tin, pt. size, Puritan Ware, per doz.
- 16 Dippers, tin, quart size, Puritan Ware, per doz.
- 19 Silver Forks, Rogers Bros. 1847, tipped, X.S. Silver, triple medium, stamped, N. J. S. H., per doz.
- 20 Silver Knives, No. 12, medium warranted, 16 D. W. T. 1847 Rogers Bros. stamped N. J. S. H., per doz.
- 25 Molasses Jugs, glass, pt. size, per doz.
- 28 Pails, slop, galvanized, 14 qt. capacity, with covers.
- 29 Dust Pans (Rahway).
- 30 Pans, enamel, pudding, large, W. H. & Co. Sweden 13½" dia. 4½" deep, per doz.
- 31 Pans, enamel, small, pudding, W. H. & Co., Sweden, 11" dia. 4½" deep, per doz.
- 33 Dish Pans, large, heavy block tin, oval, 17 gal. capacity, per doz.

- 34 Dish Pans, small, heavy block tin, oval, 9 gal. capacity, per doz.
- 40 Spoons, Tea, Windsor, Rogers Bros. 1847, X S Triple 6, per doz.
- 41 Spoons, Table, tipped, Rogers Bros. 1847, 12, per doz.
- 43 Trays, oval, Japan, 16" per doz.
- 44 Oblong Serving Tins (Own pattern).
- 45 Square Serving tins (Own pattern).
- 47 Bread Pans.
- 48 Tin Flour Scoops, large, 5 lb. size.
- 49 Milk Dippers, 1 qt., long handle.
- 50 Wash Bowls, No. 165, Lamberton China or equal, per doz. 16" dia.
- 51 Ewers, 2 gal. capacity, Lamberton China or equal.
- 52 Carving Sets, knife, fork and steel, knife 9" blade, steel, 8", Edward Jem & Co.,  
or equal.
- 53 Butcher Knives, 12" blade, V. Clad & Sons, or equal.
- 54 Meat Saws, 24", V. Clad & Sons, or equal.
- 55 Tin Funnels, 5" diameter.
- 56 Frying Pans, small, 8" dia.
- 57 Bread Boxes, tin.
- 58 Tin Diet Pitchers, pt. size.
- 59 Tea Strainers, for steeping in boilers (Own pattern).
- 60 Coffee strainers, small wire, wood varnish handle, No. 698.
- 61 Coffee Pots, 4 qt. capacity (Own pattern).
- 68 Salt Dredgers.
- 69 Pepper Dredgers.
- 70 Steamer Tins, open, large (Own pattern).
- 71 Steamer Tins, close, large (Own pattern).
- 72 Coffee Kettles (Own pattern).
- 73 Tea Kettles (Own pattern).
- 75 Paring Knives, 3¼ Blade, Cronk, or equal, round point.
- 82 Steel Table Knives medium, Landers, Frary & Clarke, No. 32401, or equal, per  
doz.
- 83 Steel Table Forks, medium, Landers, Frary & Clarke, No. 32401, or equal, per  
doz.
- 87 Tomato Cans, 7 gal. cap. 14½" high, 12¼" dia., 4¼" dia., of hole.
- 88 Fruit Jars, ½ gal. cap. Ball Ideal No. 7, per gro.
- 89 Fruit Jars, 1 qt. cap. Ball Ideal, No. 7, per gro.
- 90 Schram Jar Tops, per gro.
- 91 Caps for Ball Ideal Fruit Jars, No. 7 pattern, per gro.
- 92 Tomato Cans, 2 gal. cap. 9¾" high, 8" dia. 4½" dia. of hole I.X. Tin, or equal,  
each.
- 94 Vinegar Jugs, glass, ½ pt. size, per doz.
- 95 Zinc Oilers, No. 4, Chase Pattern.
- 96 Oil Cans, 1 gal. cap. Central Stamping Co., or equal, per doz.
- 97 Milk Cans, 30 qt. capacity, V. Clad & Sons, or equal, per doz.
- 107 Tin Pails, 14 qt. capacity, heavy block tin, per doz.
- 117 Soup Tureens, Lamberton China or equal, round 8¼" dia. 4½" high, per doz.
- 118 Saucers, Lamberton China, or equal, 6½" dia., per doz.
- 119 Cups, Lamberton China, or equal, Tulip, extra heavy, 4" dia., 3¾" high, per doz.
- 120 Bowls, Lamberton China, or equal, 5½" high, per doz.
- 121 Dinner Plates, Lamberton China, or equal, 9¼" dia., per doz.
- 122 Butter Chips, Lamberton China, or equal, 3" dia., per doz.
- 123 1 Gal. Jugs, Lamberton China, or equal, per doz.
- 124 ½ Gal. Jugs, Lamberton China, or equal, per doz.
- 125 Bakers, 9" Lamberton China, or equal, per doz.
- 126 Platters, 10½" Lamberton China or equal, per doz.
- 127 Platters, 12", Lamberton China or equal, per doz.
- 128 Gravy Boats, 1 pt. size, Lamberton China or equal, per doz.

- 129 Sugar Bowls, Lamberton China or equal, 4 $\frac{5}{8}$ " dia., 3" high, per doz.  
 130 Chambers, Lamberton China, or equal, 8 $\frac{1}{8}$ " dia., 5 $\frac{1}{2}$ " deep, per doz.  
 131 Tumblers, 12 fluid oz. cap., 2 $\frac{7}{8}$ " dia., 3 $\frac{3}{8}$ " high, per doz.  
 132 Desert Dishes, Lamberton China or equal, 5 $\frac{3}{8}$ " dia., 1 $\frac{1}{4}$ " deep, per doz.  
 133 Bowls, No. 223, size 16, 1st quality enamel ware, W. H. & Co., Sweden, per doz.  
 134 Cups, No. 202, size 10, 1st quality enamel ware, W. H. & Co., Sweden, per doz.  
 135 Saucers, No. 205, size 15, 1st quality enamel ware, W. H. & Co., Sweden, per doz.  
 136 Dinner Plates, No. 24, size 9 $\frac{1}{2}$ ", 1st quality enamel ware, W. H. & Co., Sweden, per doz.  
 137 White Enamel Bowls, W. H. & Co., Sweden, 6 $\frac{1}{4}$ " dia., 2 $\frac{5}{8}$ " high, per doz.  
 230 Steamer Tins, open, small, heavy block tin (Own pattern).  
 231 Steamer Tins, closed, small, heavy block tin (Own pattern), each.  
 235 Coal Hods, Central Stamping Co., No. 16.  
 239 Boilers, cooking.  
 253 Garbage cans, Giant Water tight, No. 180 or equal, per doz.  
 254 Butter Dishes with covers, Lamberton China or equal, 5" diameter, per doz.

#### OTHER ITEMS ESPECIALLY REFERRED TO PURCHASING AGENT:

(Number, when appearing, means number on State Hospital Schedule for House Supplies)

187 Metal Back Horn Dressing Combs, Merrimac No. 70 or equal, per doz. (This item referred to Purchasing Agent, for the purpose of securing samples of hard rubber combs to take place of comb with metal back).

225 Suits Clothes, consisting of coat, pants and vest, material to be of all wool cassimere, per suit. (This item referred to Purchasing Agent for investigation, bearing in mind also the making of uniforms).

226 Hollow Ground Razors, Wester Bros. Gunmetal, 6-8, made in Germany, or equal. (This item referred to Purchasing Agent to procure sample of good steel razor).

267 Paper Crepe, assorted colors, per roll.

Purchasing Agent also requested to take up with proper person standards of State Use Goods.

MR. BOWEN: I want to make a motion that we tell the Purchasing Agent that where a trade name or brand is used, it is merely for his guidance in the selection of a quality to meet the requirements of the specification.

(Motion seconded and adopted.)

(After discussion.)

DR. ENGLISH: I move you that bids be received on firsts and seconds on all china specified.

(Motion seconded and adopted.)

#### OTHER ITEMS REFERRED TO OTHER MEMBERS OF THE ADVISORY BOARD.

(Numbers refer to State Hospital, Trenton, House Supplies Schedule.)  
 Referred to Dr. English:

To procure specification from maker of dimity counterpane.

Referred to Mr. Neary. (All brushes):

76 White Wash Brushes, Osborne style No. 639, No. 20, or equal, per doz.

- 77 Deck Brushes, Osborne No. 367, or equal, per doz.
- 78 Shoe Daubers, Osborne No. 780, or equal, per doz.
- 79 Solid Back Scrub Brushes, Osborne No. 615, or equal, per gro.
- 80 Floor Brushes, with handles, Osborne No. 886, or equal, per doz.
- 81 Dust Brushes, Osborne No. 389, or equal, per doz.
- 167 Tooth Brushes, "superieure," "Aurora," or equal, per gro.
- 186 (Dictated by Chairman) Hair Brushes, solid wood back, wire drawn, good bear bristles.
- 200 Lather Brushes, Rubberset, No. 335, or equal, per doz.
- 237 Hoof Brushes, Anjabasco Fibre, No. 418, or equal, per doz.

Referred to Dr. Hallowell:

White Fresh Water Pearl Buttons( see this in list of standards) (Dr. Hallowell to furnish sizes required.)

- 266 Floor Oil, Vacuum Oil Co., spindle oil, or equal, per gal. (Adopted as one standard—see list of standards; Dr. Hallowell to also submit sample of floor oil at her institution and specification for it.)

Referred to Coffee Committee (Dr. English, Mr. Atchley and Mr. Bowen):

- 46 Brooms, No. 6, Capital Broom Co., per doz.
- 159 Indestructible Institution Blankets, Beekman, per 100 (referred to this committee to get specification for white and other blankets used by the using agents.)
- 166 Boston Shirts, Hallmark, No. 999, or equal—sizes 18-15, 18-15½, and 18-16, 18-16½.
- 236 (Referred to this committee to get specification for white and colored shirts.)
- 217 Carpet Lining, 200 yds. to bale, per bale. (Referred to this committee to get proper specification.)
- 238 Whisk Brooms, 7x12 inches, per doz. (Referred to this committee to get proper specification.)

## PERMANENT COMMITTEES APPOINTED.

To arrange the Drug Specifications: (Medical and Surgical Committee) Drs. Hallowell, English and Weeks.

To standardize specifications for plumbing, steam fitting, electrical supplies, building materials, etc.: Messrs. Bodine, Shurts and Valentine.

To standardize specifications for Correctional Institutions: Mr. Drever, Mr. Shurts, Dr. Moore, Mrs. Mansell, Miss Caughey.

To standardize specifications for Charitable Institutions: Mr. Atchley, Mr. Bowen, Dr. Hallowell, Dr. English, Mr. Macomber, Mr. Bodine, Mr. Chamberlain.

To standardize specifications for Educational Institutions: Messrs. Neary, Kilpatrick, Valentine and Chapin.

## STANDARDS OF HOUSE SUPPLIES ACTUALLY AGREED UPON.

The following articles were read aloud, discussed, placed before the Board for vote, and agreed upon as standards:

S. H.			
H. S.			
Stand	Sched.		
No.	No.	N. Y.	Article.
144	1		Soap, Laundry, shall be house grease, properly, saponified, by caustic alkali. It shall not contain more than 25% of rosin of good quality, calculated on a 70% anhydrous soap basis. It shall not contain more than 30% moisutre. When the moisture in any delivery exceeds 28%, a deduction shall



be made from the net weight of soap delivered of  $1\frac{1}{2}\%$  for each per cent. that the moisture in the soap delivered exceeds 28 per cent. 65 lbs. actual soap to box, per box.

145	2	Ivory Soap, 6 oz. cakes, 100 cakes to box.
146	3	Evanson's Twin Bar Naptha Soap, 65 lbs. actual soap to box, per box.
147	4	Castile Soap, M. Werk & Co., cut 4 cakes to lb., per lb.
148	5	Wyandotté Soda, J. B. Ford, per lb.
149	6	Chip Soap.

#### Quality.

Chip shall be the neutral product resulting from the saponification of clean prime tallow with caustic alkali. (Moisture). It shall not contain more than 16 per cent. moisture. When the moisture in any delivery exceeds 12 per cent. a deduction shall be made from the net weight of soap delivered of 1 per cent for each per cent. that the moisture in the soap delivered exceeds 12 per cent. (Impurities). It shall be free from rosin, silicate of soda, and other adulterants. It shall not contain more than 1 5-10 per cent. of unsaponified and unsaponifiable fats or oils, nor of carbonates calculated as sodium carbonate ( $\text{Na}_2\text{CO}_3$ ). More than 0.8 per cent. of matter insoluble in water, more than 0.7 per cent. of chlorides calculated as sodium chloride ( $\text{NaCl}$ ) nor more than 0.25 per cent of uncombed alkaline hydrates calculated as sodium hydrates ( $\text{NaOH}$ ). All percentages of impurities shall be calculated on an 84 per cent anhydrous soap basis. (Methods of Test.) All chemical tests shall be made in accordance with the standards of test on file in the state laboratory. (Tests Waived.) When the total weight of chip soap in any order is less than 450 lbs. tests may be waived. (Delivery.) It shall be delivered in the kind and size of container as ordered. Per lb.

150	7	Sal Soda, 375 lbs. to bbl. per bbl.
151	8	Wheat Starch, Trojan or Giant or equal, thin boiling in bbls., per lb.
152	9	Corn Starch for laundry use, Trojan or Giant or equal, per lb.
153	10	Chlorinated Lime, in 10 lb. cans, 240 lbs. to case, per lb.
154	12	Shoe Polish, Mason No. 3, per gro.
155	13	Bon Ami, in $\frac{1}{4}$ gro. boxes, per gro.
156	17	Bells, for dining rooms, $5\frac{1}{2}$ in.
157	18	Brass Polish, It'll Shine, per gro.



158	21	Dietz Royal Lanterns, per doz.
159	22	Lantern Globes for Dietz Royal Lanterns, per doz.
160	23	Cocoa Mats, size 33"x19".
161	24	Cotton Mops, "Dandy," net weight $\frac{3}{4}$ lb. each, per gro.
162	26	Vulcan Matches, 60s., Superior Safety, per gro.
163	27	Can openers, per doz.
164	Dict.	Toilet Paper, to be bought on samples submitted by the various consuming agencies.
165	35	Fly Paper, Tanglefoot.
166	36	Ice Picks.
167	37	Stove Polish, Enameline Paste, No. 6, 36 boxes to case.
168	38	Sand Soap, Bon Ton, 100 cakes to box, per box.
169	39	Shaving Soap, Colgate's, Williams' or Armour's, 20 lbs. to box, per lb.
170	42	Mouse Traps, all wire, per doz.
170½	Dict.	Mouse Traps, Snap, "Gee Whiz" or equal.
171	62	Lewis Lye, 98%, powdered, 12 oz. cans, 48 cans to case, per case.
172	63	Gibson's Soap Polish, 33 lbs. to bbl.
173	64	Shoe Dressing, Brown's French, or equal, 3¼ fluid ozs. to bottle, 12 bottles to case, per case.
174	65	Parafine Wax, in 1 lb. cakes, 100 cakes to box, per lb.
175	66	Fibre Pails, Star, or equal.
176	67	Fibre Chambers, Star No. 1, 7" deep, 9½" diameter.
177	74	Shears, Compton No. 3, or equal 8" blade, ½ doz. to box, per doz.
178	84	Lamp and Lantern Wicks, for Dietz Royal Lantern, per doz.
179	85	Tulip Mason Jar Rubbers, per gro.
180	86	Lightning Jar Rubbers, per gro.
181	93	English Bath Brick, 2 doz. to box, per doz.

182	98	Rubber Sheets, equal to W. H. Thomas & Co. U. P. Rubber Sheets, 48"x71" per 100.
183	Dict.	Roll Rubber Sheeting, 48" wide.
184	99	Heavy Manilla Rope Wrapping Paper, Sterling No. 1, 30"x 40", 100 lbs. to ream, per ream.
185	100	Butcher's Wrapping Paper, 15", 32 lbs. to roll, per lb.
186	Dict.	Waterproof Manilla Paper, 40 lb. base, in sheets 20"x30".
187	101	Tobacco, Chewing, 16 oz. plugs, 3"x12", Virginia Dare, or equal, per lb.
188	Dict.	Tobacco, chewing, equal to Campbell & Laird's, tin 1-5 lb. packages.
189	102	Tobacco, Smoking, 2½ oz. paper, Noon Hour, Green Turtle, or equal.
190	103	Corn Cob Pipes, Phoenix or equal, per gro.
191	104	Cotton Duck, 50", No. 12, Atlas or equal, per yd.
192	105	Cotton Duck, 100", No. 6, Atlas or equal, per yd.
193	Dict.	Boyle's No. 10 White Duck, 18 inches wide.
194	106	Carpet Sweepers, "Bissels" Cyco, ball bearing, Grand Rapids, per doz.
195	108	Bees Wax, in 1 lb. pkgs., per lb.
196	109	Palm Leaf Fans, 12", per 100.
197	110	Glass Marking Pens, Briggs, per doz.
198	111	Twine, fine No. 18, per lb.
199	112	Twine, heavy, No. 6½, per lb.
200	113	Twine, mattress, No. 264, Elm Flax Mills, or equal.
201	114	Holland Shading, 40" Bancroft, Sunfast, olive green or equal, widths and colors as specified.
202	115	Body Brussels Carpet, best 5-frame Bigelow or Whitall, per yd. Name to be woven in back as guarantee of quality. Patterns as specified in schedules of using agents.
203	116	Body Brussels, ⅝ Border, Best 5 frame Bigelow or Whitall, per yd.
204	Dict.	Rag Carpet by the roll, one yard wide.
205	138	Cotton Pants, made of Thorndyke Mills, 8 oz. goods, per pr., sizes.

206	139	Lined Cotton Coats, made of Thorndyke Mills, 8 oz. goods, each, sizes.
207	140	Cloth Pants, must be made of Union Cassimere, half wool and half cotton, each, sizes.
208	141	Vests, must be made of Union Cassimere, half wool and half cotton, each, sizes.
209	142	Men's Caps, "Windsor," pull down caps, or equal, each, sizes.
210	143	Seersucker Gingham, Bates Mills, or equal, stripes, per yd.
211	144	Muslin, Dwight Anchor, Pequot, Mohawk, Utica, or equal, per yd. 4-4 bleached.
212	145	Brown Sheeting, Lockwood, 7-4 or equal, per yd.
213	146	Muslin, Brown Cast Iron, Black Rock or equal, 36" wide, per yd.
214	147	Canton Flannel, Defender H, per yd.
215	148	Canton Flannel, Defender F., per yd.
216	149	Percale, assorted colors, Pacific Mills, or equal, per yd.
217	N. Y.	<p>Bed sheets shall be made of bleached cotton sheetings of the quality known to the trade as "Firsts." Weave. It shall be of plain weave.</p> <p>Weight. The weight shall be not less than four and eight-tenths (4.8) ounces to the square yard.</p> <p>Construction. There shall be not less than seventy-four (74) threads to the inch in the warp, and not less than sixty-eight (68) threads to the inch in the filling.</p> <p>Tensile Strength. The tensile strength shall be not less than fifty-five (55) pounds in the filling, when tested in jaws one inch wide, set one inch apart.</p> <p>The torn sizes shall be fifty-four by ninety (54x90) inches, sixty-three by ninety-nine (63x99) inches, seventy-two by ninety-nine (72x99) inches, or ninety by ninety-nine (90x99) inches, as called for in the schedules.</p> <p>The hems shall be two inch (2") and one (1) inch. The stitches shall be not less than sixteen (16) to the inch.</p> <p>Bed sheets shall be delivered in packages of one dozen, neatly wrapped in strong paper and secured with twine.</p> <p>Each package shall be marked at one end to indicate the quantity and kind of the contents and shall bear a label stating the name of the material used, and the name of the manufacturer.</p> <p>Payment shall be made for the number of dozens accepted, at the price bid per dozen sheets, for each size.</p>
218	151	A. C. A. Ticking, 8 oz. Manchester Mills, Amoskeag, or equal, per yd.

- 219      152      Handkerchiefs, Turkey Red, 24"x24" Standard, or equal, per doz.
- 220      N. Y.      Unbleached table damask shall be a pure linen, jacquard fabric of the quality known to the trade as "Firsts." The width shall be not less than sixty-nine (69) inches. The weight shall be not less than ten (10) ounces to the linear yard. There shall be not less than fifty-two (52) threads to the inch in the warp, and not less than fifty-two (52) threads to the inch in the filling. The tensile strength shall be not less than fifty-five (55) pounds in the warp, and not less than fifty (50) pounds in the filling, when tested in jaws one inch wide, set one inch apart. The pattern shall be as selected by the contracting department. It shall be delivered in pieces of forty to fifty continuous yards. Each piece shall have mill brand or trade mark affixed thereto. Payments shall be made for the number of yards accepted, at the price bid per yard.
- 221      Dict.      Union Table Damask, 1" dice pattern, 64" wide.
- 222      N. Y.      Bleached table damask shall be a pure linen, jacquard fabric of the quality known to the trade as "Firsts." The width shall be not less than sixty-nine (69) inches. The weight shall be not less than ten (10) ounces to the linear yard. There shall not be less than seventy-five (75) threads to inch in the warp, and not less than sixty-three (63) threads to the inch in the filling. The tensile strength shall be not less than one hundred twenty (120) pounds in the warp, and not less than seventy-six (76) pounds in the filling when tested in jaws one inch wide, set one inch apart. The pattern shall be as selected by the contracting department. It shall be delivered in pieces of thirty-five to forty continuous yards. Each piece shall be wrapped in paper and tied. Each piece shall have mill brand or trade mark affixed thereto. Payment shall be made for the number of yards accepted, at the price bid per yard.
- 223      Dict.      Napkins to match table linen in quality, material and design.
- 224      N. Y.      Table napkins shall be a pure linen, bleached jacquard fabric of the quality known to the trade as "Firsts." The weight shall be not less than two and one-tenth (2.1) ounces each. There shall not be less than seventy-five (75) threads to the inch in the warp, and not less than sixty-three (63) threads to the inch in the filling.

The tensile strength shall be not less than one hundred twenty (120) pounds in the warp, and not less than seventy-six (76) pounds in the filling, when tested in jaws one inch wide, set one inch apart.

The pattern shall be as selected by the contracting department.

They shall be delivered in bundles containing five packages. Each package shall contain one dozen napkins uncut. Each bundle shall be wrapped in paper and tied.

Each piece shall have mill brand or trade mark affixed thereto.

Payment shall be made for the number of dozens accepted, at the price bid per dozen napkins.

225

N. Y.

Glass toweling shall be pure linen fabric of the quality known to the trade as "Firsts."

It shall be of plain weave.

The width shall be not less than eighteen and three-quarter ( $18\frac{3}{4}$ ) inches.

The weight shall not be less than two and three-tenths (2.3) ounces to the linear yard.

There shall be not less than thirty-nine (39) threads to the inch in the warp, and not less than thirty-nine (39) threads to the inch in the filling, but not more than eighty-two (82) threads to the square inch.

The tensile strength shall be not less than sixty-five (65) pounds in the warp, and not less than forty-five (45) pounds in the filling, when tested in jaws one inch wide, set one inch apart.

It shall have a check pattern formed by two red threads and two red picks woyen in at intervals of about one-half inch.

It shall be delivered in bolts of forty to fifty continuous yards, wound on boards.

Each bolt shall have mill brand or trade mark affixed thereto.

Payment shall be made for the number of yards accepted, at the price bid per yard.

226

N. Y.

Crash toweling shall be a pure linen bleached fabric of the quality known to the trade as "Firsts."

It shall be of plain weave.

The width shall be full seventeen (17) inches.

The weight shall be not less than three (3) ounces to the linear yard.

There shall be not less than thirty-two (32) threads to the inch in the warp, and not less than twenty-four (24) threads to the filling, but not more than seventy (70) threads to the square inch.

The tensile strength shall not be less than ninety-five (95) in the warp, and not less than fifty (50) pounds in the filling, when tested in jaws one inch wide, set one inch apart.

It shall be delivered in pieces of fifty continuous yards. Each piece shall be wrapped in paper and tied.

Each piece shall have mill brand or trade mark affixed thereto.

Payment shall be made for the number of yards accepted, at the price bid per yard.



227

N. Y. Linen huck toweling shall be a pure linen, bleached fabric of the quality known to the trade as "Firsts." The width shall be not less than eighteen (18) inches. The weight shall be not less than three and four-tenths (3.4) ounces to the linear yard. There shall be not less than fifty-five (55) threads to the inch in the warp, and not less than thirty-one (31) threads to the inch in the filling. The tensile strength shall be not less than sixty (60) pounds in the warp, and not less than fifty-two (52) pounds in the filling, when tested in jaws one inch wide, set one inch apart. It shall be delivered in pieces of forty to fifty continuous yards. Each piece shall be wrapped in paper and tied. Each piece shall have mill brand or trade mark affixed thereto. Payment shall be made for the number of yards accepted, at the price bid per yard.

N. Y. Cotton huck toweling shall be a bleached cotton fabric of quality known to the trade as "Firsts." The width shall be not less than eighteen (18) inches. The weight shall be not less than three and four-tenths (3.4) ounces to the linear yard. There shall be not less than sixty-three (63) threads to the inch in the warp, and not less than thirty-five (35) threads to the inch in filling. The tensile strength shall be not less than sixty (60) pounds in the warp, and not less than ninety (90) pounds in the filling, when tested in jaws one inch wide, set one inch apart. It shall be delivered in bolts of forty to fifty continuous yards. Each bolt shall have mill brand or trade mark affixed thereto. Payment shall be made for the number of yards accepted, at the price bid per yard.

229

N. Y. Turkish toweling shall be an unbleached cotton fabric of the quality known to the trade as "Firsts." It shall be terry weave, with ground and pile warps, the loops showing on both sides. The width shall be not less than twenty-one (21) inches. The weight shall be not less than eight and two-tenths (8.2) ounces to the linear yard. There shall be not less than twenty-four (24) threads to the inch in the ground warp; not less than forty-eight (48) threads to the inch in the pile warp, and not less than thirty-two (32) threads to the inch in the filling. The tensile strength shall be not less than twenty (20) pounds in the warp, and not less than fifteen (15) pounds in the filling, when tested in jaws one inch wide, set one inch apart. It shall be delivered in rolls of forty to fifty continuous yards. Each roll shall have mill brand or trade mark affixed thereto. Payment shall be made for the number of yards accepted, at the price bid per yard.

230	N. Y.	<p>Crochet bed spread shall be a bleached cotton jacquard fabric without backing, and shall be of the quality known to the trade as "Firsts."</p> <p>It shall be not less than seventy (70) inches wide and not less than ninety (90) inches long, hemmed.</p> <p>The weight shall be not less than three (3) pounds.</p> <p>There shall be not less than thirty (30) threads to the inch in the warp, and not less than twenty-eight (28) threads to the inch in the filling.</p> <p>The tensile strength shall be not less than ninety (90) pounds in the warp, and not less than sixty (60) pounds in the filling, when tested in jaws one inch wide, set one inch apart.</p> <p>Each spread shall have mill brand or trade mark affixed thereto.</p> <p>Payment shall be made for the number of spreads accepted, at the price bid per spread.</p> <p>(Dimity spread referred to Dr. English—see index.)</p>
231	156	Ladies' Hemstitched Handkerchiefs, $\frac{1}{2}$ " hem, No. 15½, per doz.
232	157	Muslin, bleached Lockwood, 10-4, or equal, per yd.
233	158	Pillow Case Muslin, 42" bleached, Defender Mills, or equal, per yd.
234	159	<p>Indestructible Institution Blankets, Beckman Co., Cleveland, O., per 100. Company's spec. follows: Warp—1800 ends of No. 8 single yarn made of high class cotton, to the width of 62 in. Filling of Woof—85% Good Wool Stock, 15% High Grade New Cotton. Color—Dark Blue with four inch black border at each end. Thoroughly scoured and shrunk. Cut ends—turned over and under—whipped and over-sewed.</p> <p>(Blankets referred to Committee, see index.)</p>
235	162	Gauze Netting, R. H. Adams, or equal, 8 yds. to piece, white, per pc.
236	164	Waste Baskets, Metal Wire, 15" high, 15" diameter, per doz.
237	165	Corsets, Elongo Hip, Armorside, No. 207, or equal, sizes specified.
238	Dict.	Ferris Waists, sizes as specified.
239	168	Cotton, Clark's O. N. T. or equal, white sewing cotton, 200 yd. spools, per doz.
240	169	Cotton, Clark's O. N. T., or equal, black sewing cotton, 200 yd. spools, per doz.
242	171	Dexter's white knitting cotton, No. 16, or equal, 20 balls to box, per box.

241	170	Men's Gray Cotton Socks (Prison) per doz. prs., sizes 60-11, 30-11½.
243	172	Women's Stockings, brown cotton (Prison), per doz. prs.—sizes 45-9½, 15-10.
244	173	Thread, Barbour's Linen, or equal, No. 50, white, per doz.
245	174	Thread, Barbour's Linen or equal, No. 50 black, per doz.
246	175	Men's Suspenders in boxes "Police," Ironman," or equal, 1 doz. to box, per doz.
247	176	Tubular Shoe Laces, Fletcher Co., or equal, extra heavy, Superior, black, 5-4, No. 26, 1 doz. to pkg., per gro.
248	177	Hairpins, in pkgs., Black Diamond, or equal, straight, 2¾", per lb.
249	178	Staybinding, Superior or equal, white, ¾", 2 doz to box, per box.
250	179	Bottle Machine Oil, Sauer's, or equal, No. 4, per doz.
251	180	Hooks and Eyes, American Pin Co., JJapaned, military, No. 10, per box.
252	181	Porcelain Buttons, D. C. No. 8, France, white, per gr. gro. Bored for machine use, holes as specified.
253	182	Bone Buttons, white, A American, 22 line, per gro. Bored for machine use; holes as specified.
254	183	Bone Buttons, white, A American, 27 line, per gro. Bored for machine use; holes as specified.
255	Dict.	White Fresh Water Pearl Buttons. (Dr. Hallowell to furnish size—see index.)
256	184	Ivory Buttons, 040-22 Ivory black, not mineral, in 1 gro. boxes, per gro. Bored for machine use; holes as specified.
257	185	Ivory Buttons, 040-22 Ivory white, not mineral in 1 gro. boxes, per gro. Bored for machine use; holes as specified.
258	188	Fine Combs, unbreakable, No. 4409, or equal, per doz.
259	189	J. A. Smith Sewing Needles, Sharp's, Not gold eyed, or equal, 25 needles to paper, per papere—sizes 30-5, 120-6, 30-7.
260	190	Collar Buttons, Banner, size 110, or equal, per gr. gro.
261	191	Darning Cotton, Clark's O. N. T. or equal, black 8-ply, 45 yds. to spool, 1 doz. to box, per doz.
262	192	Darning Cotton, Clark's O. N. T., or equal, gray, 8-ply, 45 yds. to spool, 1 doz. to box, per doz.

263	195	White Enamel Oil Cloth, Cook's, or equal, 48 inches wide, 12 yds. to roll, per roll.
264	196	Men's Linen Collars, Arrow Brand, or equal, 2½" front, 1½ back, per doz., sizes 2-15, 2-15½, 1-16, 1-16¾.
265	197	Darning Needles, Thorp's No. 6, or equal, per paper.
266	198	Thimbles, closed ends, No. 550, or equal, per gro.
267	199	Corset Laces, No. 75, heavy round, 2 yds. each, per gro.
268	201	Dominoes, sets, Royal Brand, per doz. sets.
269	202	Playing Cards, Steamboat No. 999, or equal, per doz.
270	203	Checkers, etc., polished wood, 1½", per doz.
271	204	Checker Boards, cardboard, 16¼" square, per doz.
272	205	Fascinators,
273	206	Shawls, Chelton Woolen Mills, or equal, 62"x64", each.
274	207	Men's Shoes, Kangaroo Calf, plain toe bals., machine sewed, solid leather counters, hemlock leather insoles, oak leather slips and oak leather outsoles, (Reformatory), per pr. Sizes 4-4, 4-6, 20-7, 28-8, 24-9, 20-10.
275	208	Women's Shoes, grain spring heel, lace, solid leather insoles, oak leather outsoles (Reformatory), per pr. Sizes 60-5, 80-6, 60-7.
276	209	Men's Slippers, Chrome tan, oil, grain, must be hand sewed, insoles and counters, must be welt leather, out soles, oak sole leather, per pr. Sizes 30-8, 40-9, 30-10.
277	210	Mattress Hair, Black, Armour, not dyed, pure South America No. 1, or equal, per lb.
278	211	White Pillow Hair.
279	212	Machine Sewing Silk, B. A. & Co. black, or equal, large spools, 12 spools to box, per box.
280	213	Button Hole twist, Brainerd & Armstrong, or equal, black No. 12.
281	214	Linen Thread, Clark's O. N. T. black, in skeins, No. 50, or equal.
282	215	Sweater Coats, Perfection Mills, Style 361, each, sizes, 18-38, 24-40, 18-42, 18-44, 6-46.
283	216	Men's Gloves, Eisendrath, or equal, per pr., sizes 509, 50-9½.

284	218	Bed Lace, per gro. yds.
285	220	Otis Plaids, No. 4, or equal, per yd.
286	221	Straw Hats, Canton or equal.
287	222	Wire Rat Traps, all wire, per doz.
288	223	Turkey Feather Dusters, Standard No. 16, or equal, 16", per doz.
289	224	Step Ladders, 77" high, 5 steps (Own Pattern) (Rahway) each.
290	227	Washboards, National No. 8, or equal, per doz.
291	228	Curtain Knobs, white, per gro.
292	229	Carpet Thread, Barbour's, 40 knots, 16 oz. or equal, per lb.
293	232	Shade Rollers, Improved Hartshorn or equal, self acting, 1½" roller, per doz.
294	233	Shade Rollers, Improved Hartshorn, or equal, self acting, -½" roller, per doz.
295	234	Fibre Cuspidors, United Indurated Fibre Co., loose lids all fibre, No. 2, or equal, per doz.
296	240	Bottles, milk, pints and qts., per doz.
297	241	Bags, paper, 2 lb., per 1000.
298	242	Bags, paper, 5 lb., per 1000.
299	243	Frying Baskets for French Fryers.
300	244	Clothes Baskets, wicker, 4 bu. capacity, per doz.
301	245	Belt, Sewing Machine, per doz.
302	Dict.	XXXX Analine Powder, BB, or equal.
303	247	Rubber Boots, Goodyear, or equal, 6-9½, 6-11.
304	249	Shoe Buttons, per gro.
305	250	Chamois Skins, 15"x20", 2½ doz. to kip.
306	251	Cheese Cloth, per yd., White.
307	252	Alarm Clocks, Waterbury Clock Co.
308	Dict.	Gilchrist Ice Cream Dipper, 3" dia., 6 to the quart.
309	256	Fish Turners, V. Clad & Sons, or equal.



310	257	Greens, Christmas, Wreaths.
311	258	Greens, Christmas, Laurel.
312	259	Greens, Christmas, Robinhood. (Purchasing Agent to look greens up later.)
313	260	Men's Felt Hats, soft, sizes.
314	261	Hose, Ladies' Burial, Ipswich, No. 1942,, white, per doz. prs., sizes, 3-9, 3-10.
315	262	Jumpers, Peters, colors, blue, white, sizes 38, 40, 42, 44.
314A	263	Overalls, Peters, colors, blue, white, sizes 38-33, 40-33, 42-33, 44-33, per doz.
315A	264	Sewing Machine Needles, Singer, sizes 5 and 6, Domestic 5 and 6, per doz.
316	265	Laundry Nets, H. Kohnstamm & Co., 24"x36", heavy twine, machine made, per doz.
317	266	Floor Oil, Vacuum Oil Co. spindle oil, or equal, per gal. (Dr. Hallowell to furnish sample and specification for oil used at her institution—see index.
318	268	Peel Plates, 10".
319	269	Peel Handles, 16 ft.x1¼", cherry.
320	270	Safety Pins, No. 3½, Consolidated Safety Pin Co., per doz.
321	271	Roach Powder, Sanozene, or equal, in 1 lb. cans, per lb.
322	272	Women's Rubber Sole Shoes, 2½, 5, 6, 7, 8.
323	273	Snow Shovels, Buffalo, 17", or equal.
324	274	Wooden Sole Clogs, for laundry use, 9, 10, 11.
325	275	Men's Burial Socks (Prison), 10, 12.
326	276	Carriage Sponges, average 5 to lb.
327	277	Mangle Thread, Barbour's Linen, per lb.
328	279	Bath Sponges, per doz.
329	280	Padding, knitted, Atlas or equal, 51" wide, for flat work ironer, in 50 yd. rolls, per yd.

## FARM, STABLE AND GROUNDS SUPPLIES.

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Spec. agreed upon as Standards.		

## FARM, STABLE AND GROUNDS.

Stand. No.	S. H. F., S. & G. Sched. No.	Other Source.	Article.
330	1		Corn, No. 2, Yellow, per bu.
331	2		Oats, No. 2 white, 32 lbs. to bu., 12% Protein, 5% fat, 9% fibre, per bu.
332	3		Bran, Choice Wheat, 14% Protein, 4% fat, 9% fibre, per ton.
333	4		Cotton Seed Meal, per ton, 33% Protein, 6% fat, 9% fibre.
334	5		Brewer's Grains to contain from 22 to 24% protein, per ton.
335	6		Beet Pulp, to contain 8% protein, 0.5% fat, 20% fibre, per ton.
336	7		Old Process Oil Meal, per ton 30% protein, 5% fat, not more than 10% fibre.
337	8		Unicorn Dairy Ration, guaranteed to analyze as follows: 20% protein (80% digestible), 6% Fat, 9% Fibre (75% digestible), 50% Carbohydrates, per ton.
338	9		Calf Meal, Schumacher's, per ton.
339	10		Long Handled Shovels, round point, Imperial Indiana Shovel Co., or equal, per doz.
340	11		Long Handle Shovels, square point, Imperial Indiana Shovel Co., or equal, per doz.
341		Diet.	Short Handle Dirt Shovels. (Dr. Hallowell Will Furnish Specification.)
342	12		Garden Hose, Green Mountain Brand, or equal, Wallingford Machine Co., or equal, 7½" wide.
343	13		Scythe Blades, grass, Imperial, or equal, per doz.
344	14		Scythe Blades, brush, 18" blades, Imperial, or equal, per doz.
345	15		Giant Scoop Shovels, Imperial Indiana Shovel Co., or equal, sizes, 5 to 8, per doz.

346	16	Rakes, Iron Tooth, Wallingford Machine Co., or equal, 14 tooth 14½" wide, per doz.
347	17	Rakes, wooden, lawn, Carlton No. 37, XX or equal, per doz.
348	18	Manure Forks, Bachelor, or equal, Strap shank, 4 tine, per doz.
349	19	Pitching Forks, Pennsylvania Fork Co., or equal, long handle, 3 tine, 5 to 7 ft. as ordered, per doz.
350	20	Pitching Forks, Pennsylvania Fork Co., or equal, long handle, to tine, handle 6 ft. long, per doz.
351	21	Picks, E. C. Bradley Co., or equal, per doz.
352	22	Mattocks, E. C. Bradley Co., or equal, per doz.
353	23	Mattock Handles, per doz.
354	24	Lawn Mowers, Philadelphia, all steel, Style A, 19", single gear, or equal, each.
355	25	Curry Combs, Eclipse, No. 1400, or equal, per doz.
356	26	Horse Brushes, Osborne, No. 135, or equal, per doz.
357	27	Mane Brushes, Osborne No. 965 "Dandy," or equal, per doz.
358	28	Bushel Baskets, rattan, iron bound, per doz.
359	29	One Half Bushel Baskets, rattan, iron bound, per doz.
360	30	Scythe Snaths, Winstead Mfg. Co., or equal, per doz.
361	31	Corn Knives, Winstead Mfg. Co., or equal, per doz.
362	32	Stable Brooms, Osborne No. O282, or equal, per doz.
363	33	Paper Caps for milk bottles, pts.
364	34	Middlings, per ton.
365	35	Hay, timothy, per ton.
366	36	Hay, alfalfa, per ton.
367	Dict.	Hay, alfalfa, baled, West Virginia, Tobacco Cured.
368	37	Hay, Clover, per ton.
369	Dict.	Chicken Scratch, at least 10% protein.
370	Dict.	Schumacher's Dairy Feed. (Dr. English Will Furnish Specification.)
371	Dict.	Ground Oyster shells.

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|-----|-------|--|
| 372 | Dict. | Ground Charcoal.   |
| 373 | Dict  | Beef Scraps.   |
| 374 | Dict. | Continental Gluten Feed: 24% protein, 2.2-3% fat, not over 7% fibre.       |
| 375 | Dict. | Hominy Feed (Dr. English Will Furnish Specification.)                      |
| 376 | Dict. | Ground Cattle Salt, Turk Island. (Dr. English Will Furnish Specification.) |

Whereupon the meeting adjourned.

Date of next meeting: Thursday, August 24, 1916.

**MINUTES OF THE MEETING OF THE ADVISORY BOARD UNDER  
STATE PURCHASING ACT, HELD IN SENATE CHAMBER  
ANTE-ROOM, STATE HOUSE, TRENTON, N. J.,  
ON THURSDAY, AUGUST 24, 1916.**

**PRESENT:** Dr. David F. Weeks, Chairman; Mr. O. M. Bowen, Mr. S. T. Atchley, Dr. S. B. English, Dr. M. A. Hallowell, Mr. J. F. Macomber, Mr. R. J. Drever, Mrs. Elizabeth V. H. Mansell, Mr. Jacob Shurts, Mr. John Bodine, Mr. W. B. Kilpatrick, Mr. W. R. Valentine, Mr. Wm. H. Schultz, Dr. Chapin, Miss Caughey.

The Advisory Board met at the above place and time at which time the Board divided into the sub-committees appointed at the meeting of August 21, 1916, to examine and consider the minutes of the meeting of August 18, 1916.

After the meetings of the various committees, the Board reassembled and the reports of the various committees were made. The Committees on Charitable, Correctional and Educational institutions separately reported on each item appearing on the minutes of August 18th, as the same were read, and the standard specifications finally agreed upon for all articles in the minutes of such meeting follow below.

On motion of Mr. Bowen, duly seconded, it was agreed that these specifications be considered final for the class of articles they represent, and that any person objecting to any item or wishing to have an item amended, should obtain the unanimous consent of the Board before such item would be again discussed. The Chairman suggested that this, however, is not to preclude any member from adding a new item. Anyone desiring to add a new item should send it to the committee appointed for his type of institution who will report to the meeting of the Board when the item will be finally passed upon. (Suggestion of Dr. Weeks incorporated in Mr. Bowen's motion and duly seconded and passed.)

### ARTICLES AGREED UPON AS STANDARDS

- |     |  |
|-----|--|
| 1   | Apples, sour, evaporated, fancy ring cut, new crop, in 50 lb. boxes, per lb. |
| 1-A | Apples, evaporated, York State fancy, in 50 lb. boxes, new crop, per lb.     |
| 2   | Apples, sour, canned, No. 10 cans, 12 cans to case, new crop, per case.      |
| 3   | Baking Powder, Royal, in 5 lb. cans, 6 cans to the box, per lb.              |
| 3-A | Baking Powder, Royal, in 1 lb. cans, 12 cans to box, per lb.                 |
| 3-B | Baking Powder, Davis', 1 lb. cans, 24 cans to box, per lb.                   |
| 4   | Beans, Pea, York State, or equal, new crop, per lb.                          |
| 5   | Beans, Dried Lima, California, or equal, new crop, per lb.                   |



- 6 Chocolate, Walter Baker's Premium,  $\frac{1}{2}$  lb. caked, 12 lbs. to box.  
per lb.
- 7 Cocoa, Walter Baker's Breakfast,  $\frac{1}{2}$  lb. cans, 12 cans to box,  
per lb.
- 7-A Bensdorf's Cocoa (Mr. Chapin will get specification.)
- 8 Cocoa in 50 lb. containers, per sample. (Dr. English will submit  
specification for this cocoa.)
- 9 Cocoanut, pure, loose, shredded, in  $\frac{1}{2}$  lb. and 1 lb. pkgs., and in  
20 lb. pails, per lb.
- 10 Cornstarch, Kingsford, in 1 lb. pkgs., 48 pkgs. to box, and in bulk.
- 11 Cornmeal, granulated, yellow kiln dried, 200 lbs. to bbl.
- 12 Cornmeal, fine, yellow, kiln dried, 200 lbs. to bbl., per lb.
- 13 Corn, York State, Maine or Michigan standard, in No. 10 cans  
packed six or twelve cans to the case, per dozen.
- 14 Corn, York State, Maine or Michigan standard, in No. 2 cans  
packed 24 cans to the case, per dozen.
- 15 Corn Flakes, Kellogg's, 36 10 oz. pkgs. to container.
- 15-A Wheaten, Hornby's Oatmeal, Pettijohn's Breakfast Food, Ral-  
ston's Breakfast Food, Force, Maple Flakes, Shredded Wheat, Tris-  
cuit, Cream of Wheat, Washington Crisps.
- 16 Currants, thoroughly cleaned selected, washed and steamed, 15 oz.  
pkgs., 36 pkgs. to box, per pkg.
- 17 Currants, best cleaned, Sunbeam, or equal, in 50 lb. pkgs.
- 18 Gelatine, pure, in sheets, per lb.
- 19 Gelatine, Cooper's, instant powdered, net weight — oz. to pkg.,  
— pkgs. to box.
- 20 Grape Nuts, in 14 oz. pkgs., 24 pkgs. to case, per case.
- 21 Hominy, fine, in bbls., 200 lbs. to bbl., per lb.
- 22 Macaroni, loose, must be clear macaroni, in 25 lb. boxes, per lb.
- 23 Macaroni, King Midas Brand, in No. 1 size pkg., 24 pkgs. to car-  
ton, per pkg.
- 24 Molasses, New Orleans, open kettle, in bbls., by gals.
- 25 Mushrooms, pints, first choice, 100 pints to the case. Prices to be  
obtained per case or per dozen cases.
- 26 Mustard, Golden, 8 oz. bottles, or equal, 4 doz. to box.

- 27 Mustard No. 1 yellow, ground, in 6 or 12 lb. boxes.
- 28 Rolled Oats, Schumacher's Avena, 180 lbs. to bbl., per lb.
- 29 Olive Oil, Pure Italian, in 1 gal. cans, 6 cans to case, per case.
- 29-A Wesson's Salad Oil.

## Page 3

- 29-B Durkee's Salad Dressing.
- 30 Olives, selected Spanish, Gold Seal, or equal, 260 to 280 to gal., per gal.
- 31 Olives, selected Spanish, 14 oz. bottles, 42 to 46 olives to bottle.
- 32 Olives, selected, 15½ oz. to the bottle.
- 33 Olives, stuffed, Nanzenilla, 14 oz. to the bottle.
- 34 Peaches, California Muir, unpealed, evaporated, choice quality, current crop, delivered in boxes containing 25 and 50 lbs., per lb.
- 35 Peas, French, Barton Brand, imported Peas, or equal, 100 pt. cans to the case.
- 36 Peas, extra sifted, early June, Brakeley's, or equal, 2 doz. cans.
- 37 (N. Y.) Canned peas shall be full packed, of the quality, content and size of container specified, and equal to the standard sample exhibited by the contracting department. They shall be from the latest crop, fresh, clean and sound, and shall conform in all respects to the laws and standards of the United States and the State of New Jersey.  
They shall be early June Number three (3) sieve and tender delivered in what are known to the trade as Number Two (2) and Number Ten (10) tins, as called for in the schedules. Payment shall be made for the number of dozen tins accepted, at the price bid per dozen tins, delivered in the size of container specified.
- 38 Pickles, Sweet, in bottles, 14 oz. bottles, 2 doz. to case, per dozen.
- 39 Pickles, sour, 1200s, 45 gal. bbls., prices will also be obtained on quarter, half and full barrels.
- 40 Pickles, sweet, 1200s, 45 gal. bbls., per bbl. Prices will also be obtained on quarter, half and full barrels.
- 41 (N. Y.) Dill pickles shall be of the quality and content and size of container specified, and equal to the standard sample exhibited by the contracting department. They shall conform in all respects to the laws and standards of the United States and of the State of New Jersey. The measure shall be net measure.  
They shall be domestic or imported genuine dills, whole cucumber, four (4) to five (5) inches in length, first quality, latest crop, no alum.

They shall be delivered in casks containing thirty-two gallons to count approximately nine hundred pickles to the cask, or in kegs containing ten gallons to count approximately two hundred and eighty pickles to the keg as called for in the schedule.

Payment shall be made for the number of casks or kegs accepted, at the price per cask or keg.

- 42 (N. Y.) Whole Peas, dried, shall be either Scotch or green, not older than the crop of year previous to year in which purchases are to be made, sound, wholesome and in every respect first quality.  
The weight shall be net weight.  
They shall be delivered in the manner, as called for in the schedule.  
Payment shall be made for the number of pounds accepted, at the price bid per pound.
- 43 (N. Y.) Split Peas, dried, shall be yellow, not older than the crop of year previous to year in which purchases are to be made, sound, wholesome and in every respect, first quality.  
The weight shall be net weight.  
They shall be delivered in the manner, as called for in the schedules.  
Prices will be obtained on 1 lb. cartons, 50 lb. and 100 lb. pkgs. and bags.  
Payment will be made for the number of lbs. accepted at the price bid for lb.
- 44 Prunes, best California 50-60 and 60-70, in 50 lb .boxes, new crop, per lb.
- 45 (N. Y.) Rice shall be of the quality, weight, content and size of container specified, and equal to the standard sample exhibited by the contracting department. It shall conform in all respects to the laws and standards of the United States and the State of New Jersey. It shall be whole, domestic, well-milled, fresh and free from dirt.  
The weight shall be net weight.  
It shall be delivered in bags of the size as called for in the schedules.  
Payment shall be made for the number of pounds accepted at the prices bid per pound.
- 46 Rice, whole, unpolished, No. 1 Carolina.
- 47 Raisins, cleaned and seeded, in 25 lb. pkgs.
- 48 (N. Y.) Seedless Raisins shall be of the quality, weight, content and size of container specified, and equal to the standard sample exhibited by the contracting department. They shall conform in all respects to the laws and standards of the United States and the State of New Jersey.  
They shall be California, of current crop and choice quality.  
The weight shall be net weight.  
They shall be delivered in cartons containing one lb.  
Payment shall be made for the number of pounds accepted at the price bid per pound.

- 49 (N. Y.) Loose Muscatel raisins shall be of the quality, weight, content and size of container, specified, and equal to the standard sample exhibited by the contracting department. They shall conform in all respects to the laws and standards of the United States and the State of New Jersey. The weight shall be net weight.  
They shall be of the kind known to the trade as "Three Crown" California, current crop.  
They shall be delivered in bulk in the kind of container as called for in the schedules.  
Payment shall be made for the number of pounds accepted, at the price bid per pound.
- 50 (N. Y.) Table salt shall be of the quality, weight, content and size of container specified and equal to the standard sample exhibited by the contracting department. It shall conform in all respects to the laws and standards of the United States and the State of New Jersey.  
It shall be high grade, fine grain, clean, vacuum pan table salt.  
The weight shall be net weight.  
It shall be delivered in bags or barrels as called for in the schedules.  
Payment shall be made for the number of pounds accepted at the price bid per pound, delivered in the kind of container specified.
- 50-A Turk Island coarse salt, in sacks, per lb.
- 50-B Rock Salt.
- 51 Worcestershire Sauce, 5¼ oz. bottles, Lea & Perrins, 36 bottles to case, per case.
- 52 Sauce, table, Yorkshire, 6 fluid oz. to bottle, 2 doz. bot. to case, per doz.
- 52-A Sauce, Tobasco.
- 53 Granulated sugar shall be of the quality, weight, content and size of container specified, and equal to the standard sample exhibited by the contracting department. It shall conform in all respects to the laws and standards of the United States and the State of New Jersey.  
It shall be of the kind and quality known to the trade as Standard or Fine.  
The weight shall be net weight.  
It shall be delivered in barrels or bags as called for in the schedules.  
Payment shall be made for the number of pounds accepted, at the price bid per pound, delivered in the kind of container specified.
- 54 (N. Y.) Powdered sugar shall be of the quality, weight, content and size of container specified, and equal to the standard sample exhibited by the contracting department. It shall conform in all respects to the laws and standards of the United States and the State of New Jersey. It shall be of the kind and quality known to the trade as Standard Powdered.  
The weight shall be net weight.



It shall be delivered in the kind and size of container as called for in the schedules.

Payment shall be made for the number of pounds accepted, at the price bid per pound, delivered in the kind and size of container specified.

- 55 (N. Y.) Loaf sugar shall be of the quality, weight, content and size of container specified, and equal to the standard sample exhibited by the contracting department. It shall conform in all respects to the laws and standards of the United States and the State of New Jersey.

It shall be of the kind and quality known to the trade as Standard Cube.

The weight shall be net weight.

It shall be delivered in the kind and size of container, as called for in the schedules.

Payment shall be made for the number of pounds accepted, at the price bid per pound, delivered in the kind and size of container specified.

- 56 (N. Y.) Soft sugar shall be of the quality, weight, content and size of container specified, and equal to the standard sample exhibited by the contracting department. It shall conform in all respects to the laws and standards of the United States and the State of New Jersey.

It shall be of the kind and quality known to the trade as C. Number Twelve.

The weight shall be net weight.

In case of a dispute as to the quality of any delivery, soft sugar shall conform to the following analysis, made according to the methods employed by the United States Department of Agriculture:

The sugar shall contain not more than five (5) per cent. of moisture on delivery, and not less than ninety (90) per cent. of sucrose, as determined by double polarization, and not more than five (5) per cent. of invert sugar. It shall be delivered in barrels, or in bags as called for in the schedules.

Payment shall be made for the number of pounds accepted at the price bid per pound, delivered in the kind of container specified.

- 57 (N. Y.) Granulated sugar (for medicinal purposes) shall be of the quality, weight, content and size of container specified, and equal to the standard sample exhibited by the contracting department. It shall conform in all respects to the standards of the United States Department of Agriculture.

It shall be of the kind and quality known to the trade as confectioner's granulated.

The weight shall be net weight.

It shall be delivered in the kind and size of container as called for in the schedules.

Payment shall be made for the number of pounds accepted, at the price bid per pound, delivered in the kind and size of container specified.

- 58 Buckwheat Flour, Hecker's, or equal, in 100 lb. sacks, per lb.



- 59 Boston Pure Drip Sugar syrup, light color. Bids will be asked for by the bbl.,  $\frac{1}{4}$  bbl. or  $\frac{1}{2}$  bbl.
- 59-A Karo Corn Syrup.
- 60 Tapioca, Pearl, in bulk, in boxes, or bbls., per lb.
- 61 Soda Crackers, N. B. Co.  $9\frac{1}{4}$  oz. pkgs., 12 to carton, per carton.
- 62 Saltine Crackers, N. B. Co., 1 lb. cartons, 12 cartons to the pkg., per doz.
- 63 Codfish, Georges Banks, Boneless stripped, 40 lbs. net to box, must be labeled "codfish," per lb.
- 64 Hake, salt, choice, white stripped, in boxes, 40 lb. net to box, must be labelled "hake," per lb.
- 65 Mackerel, salted No. 2 Norway, fat, fall caught, free from rust, 220 to 240 count, 200 lbs. to bbl. To be delivered in  $\frac{1}{4}$ ,  $\frac{1}{2}$  or full bbls., as ordered, per bbl.
- 66 Mackerel, shore No. 1 American shore mackerel, white and fat, fall caught, 210-240 fish to bbl., per bbl., in  $\frac{1}{4}$ ,  $\frac{1}{2}$  or full bbls., as ordered.
- 67 Herring, salt, choice split, 550 fish to bbl.
- 68 Vinegar, shall be made from pure apple juice containing not less than 2% of pure cider vinegar solids, on full evaporation over boiling water. It shall be free from ingredients of lead, copper or sulphuric acid and shall contain no artificial matter. It shall be delivered in correctly gauged barrels. In bbls., per gal.
- 69 Asparagus, California, White Mammoth, in  $2\frac{1}{2}$  tins, new crop, 1 doz. tins to the box, per doz.
- 70 Armour's Extract Beef, solid, 4 oz. jars, 1 doz. jars to pkg., per dozen.
- 71 Condensed Milk, Eagle Brand, 48 cans to case, per case.
- 71-A Condensed Milk, Magnolia Brand.
- 72 Pork, fancy clear pork, 75 to 80 pieces to the bbl., to weigh 200 lbs. net to the bbl., also in 60 lb. tubs, per lb.
- 73 White Cherries, extra standard, 2 doz. No.  $2\frac{1}{2}$  cans to the case, per doz.
- 74 Uneeda Biscuit, 1 doz. cartons to the pkg., per pkg.
- 75 Yeast, Fleischmann, in 1 lb. pkgs., per lb.
- 76 Postum, instant, in No. 8 tins, 2 doz. tins to box, per box.
- 76-A Postum, instant, in No. 10 tins, 1 doz. tins to box, per box.

- 77 (N. Y.) Spring wheat patent flour shall be made from sound, hard wheat by the patent process with the clear flour taken out. It shall contain not less than eleven and five-tenths (11.5) per cent. of gluten and not more than forty-nine hundredths (0.49) per cent. of ash and shall be equal to the standard sample to be deposited by the contracting department with the New Jersey State Purchasing Agent.
- Wheat Flour (number one) shall be full stock winter wheat, straight flour and sound, equal to the standard sample to be deposited by the contracting department with the New Jersey State Purchasing Agent.
- Wheat Flour (number two A) shall be Kansas ninety-five (95). per cent. patent flour and sound, equal to standard sample to be deposited with the New Jersey State Purchasing Agent.
- Wheat flour (number two C) shall be spring bakers' flour and sound, equal to the standard sample to be deposited by the contracting department with the New Jersey State Purchasing Agent.
- At this point the Board adopted the New York Specifications on Graham, Rye and Entire Wheat Flour.
- 78 (N. Y.) Graham Flour:
- 79 (N. Y.) Rye Flour:
- 80 (N. Y.) Entire Wheat Flour:
- 81 Steer Beef, to be selected from native corn fed cattle, weighing from 700 to 750 lbs. average on dressed carcasses, per lb.
- 81-A Steer Beef, chucks and plates, and fore quarters, to be selected from native corn fed cattle weighing from 600 to 750 lbs. average on dressed carcasses, per lb.
- 81-B Steer Beef, hinds and backs, to weigh from 600 to 650 lbs., selected from native corn fed cattle, per lb.
- 81-C Special cuts of meat: Sirloin Steaks, rib roasts of beef, crown of lamb, veal cutlets, calves' livers, roast pork, squabs, broilers, stewing veal, chucks, ham, bologna, lamb chops, pork chops, link sausage, guinea.
- 82 Mutton, must be fresh, good, fat, and marketable, from wethers over one year and under three years old. The carcasses must be trimmed as follows, and the average weight in that condition must not be less than 40 lbs. Hog dressed, plucks in, head must be cut off at the first vertible joint, the shanks of the fore quarters at the knee joint and the hind quarters at the hock joint; mutton must be good quality and handy.
- 83 Spring Lamb, must be fresh, good, fat, and marketable. The carcasses must be trimmed as follows, and the average weight in that condition must be between 35 and 45 lbs.: Hog dressed, plucks in, head must be cut off at the first vertible joint, the shanks of the fore quarters at the knee joint and the hind quarters at the hock joint; lamb must be good quality, and hardy.

84 Yearling Lambs must be fresh, good, fat, and marketable. The carcasses must be trimmed as follows, and the average weight in that condition must be between 35 and 45 lbs.: Hog dressed, plucks in, head must be cut off at the first vertible joint, the shanks of the fore quarters at the knee joint and the hind quarters at the hock joint; lamb must be good quality and handy.

85 Smoked beef, inside pieces, thicks, well dried.

86 Skinback hams, must be of the best quality weighing from 16 to 18 lbs. each, average 17 pounds, neatly and closely trimmed, perfectly cured, slowly and thoroughly smoked, cut short, well rounded at the butt, properly faced, cut just above the hock joint, per lb.

87 Regular Hams weighing not less than 12 lbs. nor more than 14 lbs.

88 Fresh Fish, consisting of weak fish, haddock, cod, sea bass, flounders, croakers, porgies, butterfish, Boston blue fish. Fish must be cleaned and have the heads taken off, and insides out. The party receiving the contract must not furnish the same kind of fish two weeks in succession.

THE COMMITTEE ON SPECIAL FISH REPORTED AT THIS TIME AND THEIR RECOMMENDATIONS WERE ADOPTED AS THE STANDARD FOR SPECIAL FISH.

89 Special Fish shall consist of sea bass, porgies, flounders, blue fish, steak cod, red snapper, fresh mackerel, smelts, steak halibut, which shall be furnished as ordered in season, each kind of fish to be bid on separately.

90 Clams, regular, in shell, per 100.

91 Clams, regular, opened, per 100.

92 Clams, little neck, in shells, per 100.

93 Clams, little neck, opened, per 100.

94 Lard, pure, hog, in 60 lb. tubs, must be unadulterated and stamped "pure lard," per lb.

Compound Lard.

MOVED, SECONDED AND CARRIED THAT THE PURCHASING AGENT BE REQUESTED TO SECURE SPECIFICATION ON COMPOUND LARD.

95-A Crisco.

96 Butter, Creamery First and Extra, as listed in New York and Philadelphia Mercantile Exchanges. To be fresh made specials at the time of each and every delivery, accompanied by a certificate from the official inspector of the New York or Philadelphia Exchanges with each shipment. In 30 or 60 lb. tubs, per lb.

97 Butter "Best Print" Creamery Special Extra, to be fresh made at the time of each and every delivery and of the highest quality, accompanied by a certificate from the official inspector of the New York or Philadelphia Mercantile Exchanges with each order, per lb.

98 Butter substitutes, to be furnished in the kind and quantity specified in the schedules.

BUTTERINE COMMITTEE APPOINTED AUGUST 21, 1916.

99 Eggs, fresh gathered, extra firsts, shall be packed in standard 30 doz. cases, must consist of full, strong body, sweet, fresh, clean eggs, of uniform, good size; net weight to be 43 lbs. per crate. Nothing but chicken eggs accepted. Per doz.

100 Frankfurters, to be made from first class pork and good, fresh bull beef trimmings, free from cereal and with good casings. U. S. Inspected. 10 to 12 links to the lb.; per lb.

101 Bologna, to be made from first class and good fresh bull beef trimmings, and good casings, free from cereal. U. S. Inspected. Per lb.

102 Cheese. Cheese shall be of the quality known as "factory" New York State Branded, made from whole milk, sound, firm, good body and flavor, white or colored, or may be slightly mottled. Whole cheese shall weigh about sixty (60) pounds each, and half cheeses shall weigh about thirty lbs. each. The contractor shall furnish New York Mercantile Exchange inspection, and each package delivered shall bear the stamp of the inspector of said exchange, of proper date to correspond with certificate of inspection. It shall be delivered in either whole or half cheese as called for in the schedule.

103 Black Pepper, it shall be pure, dry, unadulterated, ground and sifted, Singapore, black pepper, the weight shall be net weight. It shall be delivered in tight closed tins containing 6 lbs. or  $\frac{1}{4}$  lb., as called for. Per lb.

103-A White Pepper, it shall be pure, dry, unadulterated, ground and sifted, Singapore, black pepper, the weight shall be net weight. It shall be delivered in tight, closed tins containing 6 lbs. or  $\frac{1}{4}$  lb., as called for. Per lb.

103-B Pure Cheyenne Pepper, per lb.

103-C Paprika, per lb.

104 Cinnamon, ground, pure, per lb.

105 Cinnamon, whole, pure, per lb.

106 Nutmegs, whole, large size, per lb.

107 Allspice, ground, pure, per lb.

- 108 Allspice, whole, pure, per lb.
- 109 Tea, Formosa, Oolong, and Gunpowder, as ordered, in one-half chests, per lb.
- 110 Coffee (Committee to report on this item.)
- 111 Oysters, primes, opened, per 100.
- 112 Oysters, primes, in shells, per 100.
- 113 Oysters, culls, opened, per 100.
- 114 Oysters, culls, in shells, per 100.
- 115 Milk, fresh dairy, to be delivered in such quantities as ordered. Contract to cover.  
No. 1 Milk shall comply with all legal standards for that product.  
No. 2 Milk when delivered shall not contain more than 50,000 bacteria per cu. cc. from Oct. 15th to May 15th, nor over 100,000 bacteria per cu. cc. from May 15 to October 15th and shall be free from pathogenic bacteria.  
No. 3 Milk shall contain no visible dirt or sediment.  
No. 4 Milk shall be delivered within 18 hours after milking and at the time of delivery shall have a temperature not exceeding 50° F. Per qt.
- 116 Beef's livers must be fresh and of good appearance, showing no evidence of disease, per lb.
- 117 Celery seed, whole, per lb.
- 118 Ginger, ground, pure, per lb.
- 119 Soda Bi-Carbonate, Dwight's Cow Brand, in ½ lb. pkgs., 36 pkgs. to case, per case.
- 120 Soda Bi-Carbonate, in 20 lb. boxes.
- 121 Bacon, smoked, best boneless, per lb.
- 122 Beans, stringless, canned, No. 2 can, 24 cans to case, also No. 10 can.
- 123 Catsup, Curtis Blue Label, 14 oz. bottles, 25 bottles to case; also in gallon cans.
- 124 Catsup, Snyder's in gallon containers.
- 125 Cornmeal, white, per lb.
- 126 Cranberries, per crate, and per half bushel.
- 127 Oyster crackers, Exton or equal, loose, in boxes or bbls., per lb.



- 128 Figs, California, in 10 oz. pkgs., 12 pkgs. to box, per lb.
- 129 White Grapes, in kegs, 30 lbs. net to keg, per keg.
- 130 Prepared Ham; per lb.
- 131 Nuts, Almonds, per lb.
- 132 Nuts, English Walnuts, per lb.
- 133 Onions, in sacks, 2 bu. to sack.
- 134 Oranges, Best Grade, 150, 176, or 216 to box, per box.
- 135 Lemons, Best Grade, California, or equal, 360 lemons to box, per box.
- 136 Pineapples, shall be of the kind known to the trade as size 2 suitable for immediate use. They shall be sound, wholesome, and in every respect first quality. They shall be delivered in the manner as called for, per crate.
- 137 Puffed Rice, 36 pkgs. to case, per case.
- 137-A Puffed Wheat, 36 pkgs. to case, per case.
- 138 (N. Y.) Turkeys shall be fresh, fleshy and of good quality, dry picked, New York dressed (which means undrawn with the head and feet left on) and otherwise cleanly and properly dressed. Between the dates of November 1st and February 1st only fresh killed, chilled turkeys which are not and have not been frozen shall be accepted. During the remaining months of the year frozen fresh turkeys of the quality specified herein, shall be accepted, but at no time shall turkeys which have been frozen and thawed out be accepted.
- 139 (N. Y.) Fresh cut pork loins shall be of good quality, regular commercial New York Cut, from corn-fed hogs, each loin to weigh between eight and ten pounds, with the skin removed and including only half the backbone, ribs and spinal column. No loins from stags or old sows and frozen or thawed out pork shall be accepted.  
All fresh pork shall be covered when, and in the manner, called for in the schedules.  
They shall be delivered in the manner as called for in the schedules.  
Payment shall be made for the number of pounds accepted, at the price bid per pound.
- 140 (N. Y.) Fresh pork sausage shall be made from strictly fresh pork with not more than one-third (1-3) by weight of fat and shall be inspected and stamped by an inspector of the United States Bureau of Animal Industry, and so marked.  
The casings of the sausage shall be either sheep or hog casings, as called for in the schedules.  
When sheep casings are used there shall be eight (8) to ten (10) sausages to the pound and when hog casings are used there shall be six (6) to eight (8) sausages to the pound.  
They shall be delivered in the manner as called for in the schedules.

Payment shall be made for the number of pounds accepted, at the price bid per pound.

- 141 (N. Y.) Canned sardines shall be full packed, of the quality, content and size of container specified, and equal to the standard sample exhibited by the contracting department. They shall conform in all respects to the laws and standards of the United States and the State of New Jersey.

They shall be French, boneless, each tin containing eight (8) to twelve (12) fish packed in pure olive oil.

They shall be delivered in what are known to the trade as "Number One-Half" (No.  $\frac{1}{2}$ ) tins.

Payment shall be made for the number of dozen tins accepted, at the price bid per dozen tins.

- 141-A American Sardines.

- 142 Salmon, Red Alaska, No. 1 tall tins.

- 142-A Salmon, Red Alaska, in barrels, salted.

- 143 (N. Y.) Fresh veal shall be of good quality, from milk-fed calves, dressed with the skins removed and shall be full carcasses or hind quarters, as called for in the schedules. No frozen, grass or bob veal shall be accepted.

Full carcasses, dressed, shall weigh between ninety (90) and one hundred twenty-five (125) pounds. Hind quarters dressed shall be from carcasses of the same weight as that herein specified for full carcasses. The veal shall be from calves that have been slaughtered for not less than two days. All fresh veal shall be covered when, and in the manner, called for in the schedules. It shall be delivered in the manner as called for in the schedules.

Payment shall be made for the number of pounds of full carcasses and the number of pounds of hind quarters accepted, at the price bid per pound for each kind specified.

- 144 Fowl, No. 1, weighing  $3\frac{1}{2}$ -4 lbs. each, fresh when frozen, in lots of approximately 300 lbs. as ordered.

- 145 (N. Y.) Fowl shall be fresh, fleshy and of good quality, dry picked and New York Dressed (which means undrawn with the head and feet left on) and otherwise cleanly and properly dressed. Between the dates of June 1st and January 1st only fresh killed, chilled fowl, which are not and have not been frozen, shall be accepted. During the remaining months of the year frozen fresh fowl of the quality specified herein shall be accepted, but at no time shall fowl that have been frozen and thawed out be accepted.

Fowl shall weigh from four (4) to five (5) pounds each.

They shall be delivered in the manner as called for in the schedules, and receipts shall be given for weights as received at the point of delivery.

Payment shall be made for the number of pounds accepted at the price bid per pound.

- 146 (N. Y.) Chickens shall be young, fresh, fleshy, and of good quality, dry picked, New York dressed (which means undrawn with the head and feet left on) and otherwise cleanly and properly dressed. Be-

tween the dates of September 1st and February 1st only fresh killed, chilled chickens, which are not and have not been frozen shall be accepted. During the remaining months of the year frozen fresh chickens of the quality specified herein shall be accepted, but at no time shall chickens which have been frozen and thawed out be accepted.

Fresh killed, chilled chickens shall weigh from two and one-half ( $2\frac{1}{2}$ ) to four and one-half ( $4\frac{1}{2}$ ) pounds each, with an average weight of three and one-half pounds each. Fresh, frozen chickens shall weigh from three and one-half ( $3\frac{1}{2}$ ) pounds to four and one-half ( $4\frac{1}{2}$ ) pounds each.

They shall be delivered in the manner as called for in the schedules and receipts shall be given for weights as received at the point of delivery.

Payment shall be made for the number of pounds accepted, at the price bid per pound.

147 Fresh Hams, to weigh about ten pounds each, on average.

148 (N. Y.) Fresh calves' liver shall be from sound calves. It shall be inspected and stamped by an inspector of the United States Bureau of Animal Industry.

All fresh liver shall be covered when, and in the manner, called for in the schedules.

It shall be delivered in the number as called for in the schedules.

Payment shall be made for the number of pounds accepted at the price bid per pound.

AT THIS POINT THE COMMITTEE ON DRUGS, ETC., REPORTED, WHICH REPORT FOLLOWS.

THE ITEMS IN THIS REPORT WERE ADOPTED AS STANDARDS.

The following Report of Committee on Drug Specifications was read and approved and the items therein specified adopted as standards:

The Sub-Committee appointed to standardize drugs, medical and surgical supplies, laboratory and scientific equipment, respectfully call the attention of the Advisory Board to the fact that the present market conditions are such that in many instances it is impossible to purchase drugs, chemicals and scientific apparatus, which results in the necessity of prescribing substitutes.

If proposals must be invited on this class of goods we would recommend that the items be listed for advertisement as they appear on the respective schedules on which notes shall be made, indicating the catalogue from which numbers have been taken.

All drugs and chemicals must comply in all respects with the formulas prescribed in the latest editions of the United States Pharmacopœia and Dispensatories. This same specification shall apply to all drugs entering into special formulas. The following specifications are submitted, with the recommendation that they be adopted as standards.

No.

Article.

1 (N. Y.)

Plain Absorbent gauze shall be made of clean, white cotton of soft finish, fully bleached and absorbent.

The width shall be fully thirty-six (36) inches in the finished state.

The weight shall not be less than seventeen and one-half ( $17\frac{1}{2}$ ) linear yards to the pound.

There shall not be less than twenty-four (24) threads to the inch in the warp and not less than twenty (20) threads to the inch in the filling.

Upon a hot extraction with distilled water it shall not yield more than two-tenths (0.2) per cent. of extractive matter, and the water from such extraction shall show no reaction for starch, soap, dextrin, glue or other make-weight.

All chemical tests shall be made in accordance with the Board of Estimate's Standard Methods of Tests on file in the Standard Testing Laboratory.

It shall be delivered in bales, cases or aseptic rolls as called for in the schedules.

Bales or cases shall contain eight packages of three bolts each, each bolt to contain one hundred yards in not more than two pieces laid in one-yard layers. Bales shall be protected on two sides by wood.

Aseptic rolls shall contain either five continuous yards in four-inch folds, or twenty continuous yards in nine-inch folds, as called for in the schedules. Each roll shall be separately packed in a carton.

Payment shall be made for the number of yards accepted, as follows:

When delivered in bales or cases containing twenty-four hundred (2400) yards, at the price bid per yard in bales or in cases.

When delivered in aseptic rolls, at the price bid per yard for each size roll.

2 (N. Y.)

Bandage gauze shall be made of clean, white cotton of soft finish, fully bleached and absorbent.

The width shall be fully thirty-six (36) inches in the finished state.

The weight shall not be less than thirteen (13) linear yards to the pound.

There shall not be less than thirty-two (32) threads in the warp and not less than twenty-eight (28) threads to the inch in the filling.

The tensile strength shall not be less than eighteen (18) pounds in the warp and not less than twelve (12) pounds in the filling when tested in jaws one inch wide, set one inch apart.

Upon a hot extraction with distilled water it shall not yield more than two-tenths (0.2) per cent. of extractive matter, and the water from such extraction shall show no reaction for starch, soap, dextrin, glue or other make-weight.

All chemical and physical tests shall be made in accordance with the Board of Estimate's Standard Methods of Tests on file in the Standard Testing Laboratory.

It shall be delivered in rolls of five or ten continuous yards as called for in the schedules. It shall be smoothly and tightly rolled (Bellevue roll), wrapped in paper and packed tight in wooden cases containing one hundred rolls.



Payment shall be made for the number of yards accepted at the price bid per yard for each size roll.

3 (N. Y.)

Iodoform gauze shall be made of clean, white cotton of soft finish, fully bleached and absorbent.

The width shall be fully thirty-six (36) inches in the finished state.

The weight shall not be less than fifteen (15) linear yards to the pound.

There shall not be less than twenty-eight (28) threads to the inch in the warp and not less than twenty-four (24) threads to the inch in the filling.

Upon a hot extraction with distilled water it shall not yield more than two-tenths (0.2) per cent. of extractive matter, and the water from such extraction shall show no reaction for starch, soap, dextrin, glue or other make-weight.

It shall yield upon analysis full five (5) per cent. of iodoform, based on the weight of the dry plain gauze plus iodoform.

All chemical tests shall be made in accordance with the Board of Estimate's Standard Methods of Tests on file in the Standard Testing Laboratory.

It shall be delivered in rolls of five yards, in glass jars hermetically sealed.

Payment shall be made for the number of jars of gauze accepted, at the price bid per jar.

4 (N. Y.)

Gauze bandages shall be made from clean, white cotton gauze of soft finish, fully bleached and absorbent.

They shall be one (1), one and one-half (1½) or two (2) inches wide as called for in the schedules.

They shall be made of gauze weighing not less than nine and one-half (9½) square yards to the pound.

They shall be made of gauze having not less than forty-four (44) threads to the inch in the warp and not less than forty (40) threads to the inch in the filling.

They shall have a tensile strength in the direction of their length of not less than twenty-two (22) pounds when tested in jaws one inch wide, set one inch apart.

Upon a hot extraction with distilled water the gauze shall not yield more than two-tenths (0.2) per cent. of extractive matter and the water from such extraction shall show no reaction for starch, soap, dextrin, glue or other make-weight.

All chemical and physical tests shall be made in accordance with the Board of Estimate's Standard Methods of Tests on file in the Standard Testing Laboratory.

They shall be delivered in lengths of five (5) or ten (10) continuous yards as called for in the schedules. They shall be tightly rolled (Bellevue roll style) in separate aseptic wrappers, one dozen bandages to a package.

Payment shall be made for the number of dozens of bandages accepted, at the price bid per dozen for each width and length.

5 (N. Y.)

Absorbent lint shall be made of clean, white cotton, fully bleached and absorbent.

Upon a hot extraction with distilled water it shall not yield more than one (1) per cent. of extractive matter, and the water from such extraction shall show no reaction for starch, dextrin, glue, soap or other make-weight.



All chemical and physical tests shall be made in accordance with the Board of Estimate's Standard Methods of Tests on file in the Standard Testing Laboratory.

It shall be delivered in paper wrapped packages of one pound net weight, packed in tight wooden cases, paper-lined, fifty pounds net to the case.

Payment shall be made for the number of pounds of lint accepted, at the price bid per pound.

6 (N. Y.)

Absorbent cotton, grade 1, shall be clean, white, fully bleached and absorbent.

Impurities in cotton shall be determined by the amount of ash, the yield of which shall not exceed two-tenths (0.2) per cent.

Upon a hot extraction with distilled water, the cotton shall not yield more than two-tenths (0.2) per cent. of extractive matter, and the water from such extraction shall show no reaction for starch, dextrin, glue or other make-weight.

All chemical tests shall be made in accordance with the Board of Estimate's Standard Methods of Tests on file in the Standard Testing Laboratory.

It shall be delivered packed waterproof, either in wooden cases or burlap bales, as called for in the schedules. Each case or bale shall contain fifty paper-wrapped packages of one pound net of cotton, interleaved with tissue paper.

Payment shall be made for the number of pounds of cotton accepted, at the price bid per pound.

7 (N. Y.)

Absorbent cotton, grade 2, shall be clean, white, fully bleached and absorbent.

Impurities in the cotton shall be determined by the amount of ash, the yield of which shall not exceed three-tenths (0.3) per cent.

Upon a hot extraction with distilled water it shall not yield more than two-tenths (0.2) per cent. of extractive matter, and the water from such extraction shall show no reaction for starch, dextrin, glue or other make-weight.

All chemical tests shall be made in accordance with the Board of Estimate's Standard Methods of Tests on file in the Standard Testing Laboratory.

It shall be delivered packed waterproof, either in wooden cases or burlap bales, as called for in the schedules. Each case or bale shall contain fifty paper-wrapped packages of one pound net of cotton, interleaved with tissue paper.

Payment shall be made for the number of pounds of cotton accepted, at the price bid per pound.

8 (N. Y.)

Absorbent cotton waste shall be clean, white, fully bleached and absorbent.

Impurities in the cotton shall be determined by the amount of ash, the yield of which shall not exceed six-tenths (0.6) per cent.

Upon a hot extraction with distilled water the cotton shall not yield more than one (1) per cent. of extractive matter, and the water from such extraction shall show no reaction for starch, dextrin, glue or other make-weight.

All chemical tests shall be made in accordance with the Board of Estimate's Standard Methods of Tests on file in the Standard Testing Laboratory.

It shall be delivered packed waterproof, either in wooden cases or burlap bales as called for in the schedules. Each case or bale shall contain fifty paper-wrapped packages of one pound net of cotton interleaved with tissue paper.

Payment shall be made for the number of pounds of cotton accepted, at the price bid per pound.

- 9 (N. Y.) Rubber bandages shall be made of pure gum free from rubber substitute and properly vulcanized.

They shall not be less than fifteen thousandths (0.015) inch thick, and either two (2), two and one-half (2½) or three (3) inches in width, and either six (6), nine (9) or eighteen (18) feet in length, as called for in the schedules.

They shall contain not more than three and five-tenths (3.5) per cent. of organic matter soluble in acetone. A two-inch test length shall stretch to at least eighteen (18) inches before breaking.

All chemical and physical tests shall be made in accordance with the Board of Estimate's Methods of Tests on file in the Standard Testing Laboratory.

They shall be delivered in packages of one dozen separately-wrapped bandages.

Payment shall be made for the number of dozens of bandages accepted, at the price bid per dozen for each size.

- 10 (N. Y.) Sputum cup holders shall be made of I. C. gage gilt lacquered tin. They shall have an open bottom, handle at back and spring cover with thumb piece extending over the handle. A band not less than one-half (½) inch in width, which may or may not be an extension of the handle, shall extend across the bottom from back to front, to hold the paper refill cup. The sides, back, bottom and handle shall have turned-over edges.

They shall be two and seven-eighths (2⅞) inches square inside measurement, and two (2) inches deep, except that the back to which the handle is attached shall extend one-quarter (¼) inch above the sides.

Payment shall be made for the number of hundreds of holders accepted, at the price bid per hundred.

- 11 (N. Y.) Sputum cup refills shall be made of heavy, waterproof, burnable paper, cut and pressed so that they can be readily folded into cup shape with four-piece overlapping top.

They shall be when folded into cup shape two and seven eighths (2⅞) inches square on top and two and one-quarter (2¼) inches deep.

Payment shall be made for the number of thousands of refills accepted, at the price bid per thousand.

- 12 (N. Y.) Spatulas shall be made with handle and blade of one piece of crucible tool steel nickel plated. The blades shall be flexible.

The blades shall be of the sizes called for in the schedules in accordance with the following table:

Length of Blade	Width of Blade
3 inches .....	$\frac{9}{16}$ inch
4 inches .....	$\frac{5}{8}$ inch
5 inches .....	$\frac{3}{4}$ inch
6 inches .....	$\frac{7}{8}$ inch
8 inches .....	1 $\frac{1}{4}$ inches
10 inches .....	1 $\frac{3}{8}$ inches
11 inches .....	1 $\frac{1}{2}$ inches

Payment shall be made for the number of dozens of spatulas accepted, at the price bid per dozen for each size.

- 13 (N. Y.) Tongue depressors shall be made of white wood. They shall be smooth and rounded at both ends.

They shall be approximately five and one-half ( $5\frac{1}{2}$ ) inches long, five-eighths ( $\frac{5}{8}$ ) inch wide and three thirty-seconds ( $\frac{3}{32}$ ) inch thick.

They shall be delivered in cartons containing five hundred each.

Payment shall be made for the number of thousands of depressors accepted, at the price bid per thousand.

- 14 (N. Y.) Wooden Applicators—No specifications for this.

- 15 (N. Y.) Steel pocket tapes shall consist of a tape-line and case with mechanism for winding. The tape-line shall be made of flexible steel, not less than one-quarter ( $\frac{1}{4}$ ) inch wide and not less than four thousandths (0.004) inch thick. It shall be capable of tightly encircling a cylinder one-half ( $\frac{1}{2}$ ) inch in diameter without showing permanent bend. It shall be graduated on one side to two (2) meters, divided into meters, centimeters and millimeters, each meter and centimeter being numbered; and on the other side to seventy-two (72) consecutive inches divided into inches and sixteenths, each inch being numbered. The graduation marking shall be made by etching away the entire surface except the marks and numerals, leaving them a bright steel. A steel wire ring shall be securely attached to the end of the line. The line shall be so attached to the drum of the winder as to be easily removed and replaced. It shall be operated by a spring winder with a ratchet stop released by a push button with a helical spring inside the center-post, and extending through the center of one side of the case. The spring shall be made of blued, tempered steel, not less than four-thousandths (0.004) inch thick by three-sixteenths ( $\frac{3}{16}$ ) inch wide, and of sufficient length to wind the entire line into the case. It shall be securely fastened to and shall wind around a hollow center-post not less than five-sixteenths ( $\frac{5}{16}$ ) inch in outside diameter. The post shall be threaded to receive the case screw, and shall have two opposite slots for the cross-piece of the push button. The case shall be made of brass not less than two hundredths (0.02) inch thick, shall be not more than one and seven-eighths ( $1\frac{7}{8}$ ) inches in diameter and not more than one-half ( $\frac{1}{2}$ ) inch in width. It shall be in two parts, tightly flanged together and secured with a screw, and shall have an opening for the line not less than three-sixteenths ( $\frac{3}{16}$ ) inch wide. The case shall have rounded edges, and shall be smoothly finished and nickel plated. Tape-line refills may be purchased separately, if called for in the schedules.

Each tape-line and case shall have etched or stamped thereon the manufacturer's name or trade mark.

Tapes and tape-line refills shall be separately wrapped and delivered in cartons containing six each.

Payment shall be made for the number of dozens of complete tapes, or the number of dozens of tape-line refills accepted, at the price bid per dozen for each.

16 (N. Y.)

Linen pocket tapes shall consist of a tape-line and case with mechanism for winding. The tape-line shall be made of pure linen fabric not less than one-quarter ( $\frac{1}{4}$ ) inch wide and not less than seven-thousandths (0.007) inch thick. The full graduated length of the line shall stretch not more than six millimeters under a ten-pound pull. It shall be graduated on one side to two (2) meters divided into meters, centimeters and millimeters, each meter and centimeter being numbered; and on the other side to seventy-two (72) consecutive inches divided into inches and sixteenths, each inch being numbered. The graduation marks and numerals shall be plainly printed with black ink. A steel wire ring shall be securely attached to the end of the line. The line shall be so attached to the drum of the winder as to be easily removed and replaced. It shall be operated by a spring winder with a ratchet stop released by a push button with a helical spring inside the center-post, and extending through the center of one side of the case. The spring shall be made of blued tempered steel, not less than four-thousandths (0.004) inch thick by three-sixteenths ( $\frac{3}{16}$ ) inch wide, and of sufficient length to wind the entire line into the case. It shall be securely fastened to and shall wind around a hollow center-post not less than five-sixteenths ( $\frac{5}{16}$ ) inch in outside diameter. The post shall be threaded to receive the case-screw, and shall have two opposite slots for the cross-piece of the push-button. The case shall be made of sheet brass not less than two hundredths (0.02) inch thick, shall be not more than one and seven-eighths ( $1\frac{7}{8}$ ) inches in diameter and not more than one-half ( $\frac{1}{2}$ ) inch in width. It shall be in two parts, tightly flanged together and secured with a screw, and shall have an opening for the line not less than three-sixteenths ( $\frac{3}{16}$ ) inch wide. The case shall have rounded edges, and shall be smoothly finished and nickel plated. Tape line refills may be purchased separately if called for in the schedule.

Each tape-line and case shall have printed or stamped thereon the manufacturer's name or trade-mark.

Tapes and tape-line refills shall be separately wrapped, and delivered in cartons containing six each.

Payment shall be made for the number of dozens of complete tapes, or the number of dozens of tape-line refills accepted, at the price bid per dozen for each.

17 (N. Y.)

Clinical thermometers shall be made of thoroughly seasoned glass and shall be free from cracks and other defects. The stem shall be white-backed in the glass, with a magnifying front. The column shall be of clear mercury, free from impurities, moisture or bubbles contained in a single drawn cylindrical bulb between two (2) and three (3) millimeters in diameter and a glass capillary tube so construed as to give a non-receding index and a two-minute registration.

It shall be not less than four (4) inches long, including the bulb, and the stem shall be not less than five (5) millimeters thick from front to back.



The scale shall be plainly etched in black on the stem, and shall have a range covering from ninety-four (94) to one hundred ten (110) degrees Fahrenheit, extending over a space of not less than one and three-quarter ( $1\frac{3}{4}$ ) inches. The markings shall be at intervals of two-tenths (0.2) degree. Each one-degree line and the line for normal temperature shall be longer than the intervening lines. The numerals shall be at every two degrees, or at ninety-five, one hundred, one hundred five and one hundred ten degrees.

Thermometers shall be accurate to within two-tenths (0.2) degree throughout the scale, and shall not exceed three-tenths (0.3) degree error in the intervals between test points. They shall remain constant after having been heated to their maximum graduation for at least twenty-four hours. The test for constriction shall be in accordance with the requirements of the Bureau of Standards at Washington. Each thermometer shall be accompanied by the manufacturer's test-room certificate, giving manufacturer's name and certifying as to degree of inaccuracy at four test points.

All chemical and physical tests shall be made in accordance with the Board of Estimate's Standard Methods of Tests on file in the Standard Testing Laboratory.

The vendor shall furnish before or at delivery, a written guarantee, executed by the manufacturer and addressed to the State of New Jersey, to replace without expense to the State any thermometer bearing the manufacturer's name or trade-mark that shall become more inaccurate than certified with another thermometer that complies with this specification.

Each thermometer shall be marked with the manufacturer's name or trade-mark and test-room number.

They shall be delivered without cases in cartons of three dozen each.

Payment shall be made for the number of dozens of thermometers accepted, at the price bid per dozen.

- 18 (N. Y.) Belladonna plasters shall comply in all respects with the formula prescribed in the latest edition of the United States Pharmacopoeia, and shall be porous.

They shall be five by seven and one-half ( $5 \times 7\frac{1}{2}$ ) inches.

They shall be delivered in pasteboard boxes containing two dozen plasters each.

Payment shall be made for the number of gross of plasters accepted, at the price bid per gross.

- 19 (N. Y.) Isinglass plaster shall be made of pure fish glue spread on flesh-colored tracing cloth.

It shall be in rolls two and one-half ( $2\frac{1}{2}$ ) inches wide.

It shall be delivered in pasteboard cartons containing twelve twenty-inch rolls, each roll packed in a tin box.

Payment shall be made for the number of dozens of rolls of plaster accepted, at the price bid per dozen.

- 20 (N. Y.) Lead plaster shall comply in all respects with the formula prescribed in the latest edition of the United States Pharmacopoeia.

It shall be in rolls not less than seven (7) inches wide.

It shall be delivered in boxes containing one dozen one-yard rolls, each roll packed in a tin box.



Payment shall be made for the number of dozens of rolls of plaster accepted, at the price bid per dozen.

- 21 (N. Y.) Mercurial plaster shall comply in all respects with the formula prescribed in the latest edition of the United States Pharmacopoeia.

It shall be in rolls not less than seven (7) inches wide.

It shall be delivered in boxes containing one dozen one-yard rolls.

Payment shall be made for the number of dozens of rolls of plaster accepted, at the price bid per dozen.

- 22 (N. Y.) Mustard plaster shall have a plaster mass that shall comply in all respects with the formula prescribed in the latest edition of the United States Pharmacopoeia, and shall have a paper or a cloth base as called for in the schedules.

Paper base plaster shall be in rolls twelve (12) inches wide.

Cloth base plaster shall be three by four and one-half ( $3 \times 4\frac{1}{2}$ ) inches.

Paper base plaster shall be delivered in five-yard rolls.

Cloth base plaster shall be delivered in tin boxes containing ten pieces each.

Payment for the paper base plaster shall be made for the number of rolls of plaster accepted at the price bid per roll; and for the cloth base plaster, for the number of boxes of plaster accepted, at the price bid per box.

- 23 (N. Y.) Plain rubber adhesive plaster shall be made of a composition containing not less than thirty (30) per cent. of pure, ground Para rubber, spread not less than five (5) ounces to the square yard on a cotton cloth backing, having not less than one hundred sixty (160) threads to the square inch and weighing not less than four (4) ounces to the square yard. The plaster shall have been made not longer than ninety (90) days before delivery.

All chemical and physical tests shall be made in accordance with the Board of Estimate's Standard Methods of Tests on file in the Standard Testing Laboratory.

The width shall be one-half ( $\frac{1}{2}$ ), one (1), two (2), three (3) or twelve (12) inches, as called for in the schedules.

Each roll and spool shall be marked with the manufacturer's name and the date of manufacture.

Rolls twelve inches wide shall be delivered in cases of one hundred five-yard rolls packed in separate cartons. The plaster shall be faced with crinoline gauze suitable for bandage purposes.

All other widths shall be delivered unfaced in boxes of twelve five-yard rolls, wound on spools and packed in separate cartons.

The vendor shall furnish a written guarantee, executed by the manufacturer and addressed to the State of New Jersey, that at any time within one year from date of delivery he will, upon request, immediately replace, without expense to the State, any plaster that shall have lost its quality, with fresh plaster that shall comply with this specification.

Payment shall be made for the number of rolls of twelve-inch plaster accepted, at the price bid per roll, and for the number of dozens of spools of other widths, at the price bid per dozen spools for each width.

24 (N. Y.)

Zinc oxide adhesive plaster shall be made of a composition containing not less than thirty (30) per cent. of pure, ground Para rubber, and not less than twenty (20) per cent. of oxide of zinc, United States Pharmacopoeia, spread not less than five (5) ounces to the square yard on a cotton cloth backing having not less than one hundred and sixty (160) threads to the square inch and weighing not less than four (4) ounces to the square yard. The plaster shall have been made not longer than ninety (90) days before delivery.

All chemical and physical tests shall be made in accordance with the Board of Estimate's Standard Methods of Tests on file in the Standard Testing Laboratory.

The width shall be one-half ( $\frac{1}{2}$ ), one (1), two (2), three (3) or twelve (12) inches, as called for in the schedules.

Each roll and spool shall be marked with the manufacturer's name and the date of manufacture.

Rolls twelve inches wide shall be delivered in cases of one hundred five-yard rolls, packed in separate cartons. The plaster shall be faced with crinoline gauze suitable for bandage purposes.

All other widths shall be delivered unfaced in boxes of twelve five-yard rolls, wound on spools and packed in separate cartons.

The vendor shall furnish a written guarantee, executed by the manufacturer and addressed to the State of New Jersey, that at any time within one year from the date of delivery he will, upon request, immediately replace, without expense to the State, any plaster that shall have lost its quality, with fresh plaster that shall comply with this specification.

Payment shall be made for the number of rolls of twelve-inch plaster accepted, at the price bid per roll, and for the number of dozens of spools of other widths, at the price bid per dozen spools for each width.

25 (N. Y.)

Hand Brushes.—The bristles shall be extra stiff gray Russian hog bristles, clean and free from fibre, hair or any substitute.

The block shall be made of well seasoned cherry wood about four and one-quarter ( $4\frac{1}{4}$ ) inches long, about one and seven-eighths ( $1\frac{7}{8}$ ) inches wide and about five-eighths ( $\frac{5}{8}$ ) inch thick, tapering about one-quarter ( $\frac{1}{4}$ ) inch on all sides from the cover to the brush surface. At each end shall be inserted across the grain, and glued or cemented, a plug of cherry wood one-eighth ( $\frac{1}{8}$ ) inch thick extending into the block across the entire end about five-eighths ( $\frac{5}{8}$ ) inch. The two long sides of the block shall be so grooved as to provide a suitable grip. The block shall have not less than one hundred twenty-eight (128) evenly distributed holes about one-tenth ( $\frac{1}{10}$ ) inch in diameter, which shall be solidly filled with bristles. The bristles shall be securely fastened with staples or with wire, and shall be cut square and evenly trimmed to leave a bristle surface about five-eighths ( $\frac{5}{8}$ ) inch from the face of the block. The block shall have a thin cover made of well-seasoned holly wood tapering from three-sixteenths ( $\frac{3}{16}$ ) inch in thickness at the centre to one-sixteenth ( $\frac{1}{16}$ ) inch at either end, cemented or glued to the block and reinforced at either end with not less than four brass flat-head brads. The corners of the block shall be slightly rounded and the whole block finished smooth in the natural wood.

Each block shall have the manufacturer's name or trade-mark stamped on the cover of the brush.

They shall be delivered in cartons containing six brushes each.  
Payment shall be made for the number of gross of brushes accepted, at the price bid per gross.

- 26 (N. Y.) Pill boxes shall be made of pasteboard and shall have glazed paper trimming.

They shall be of the sizes called for under the trade numbers in the schedules in accordance with the following table:

Trade Number.	Diameter of Lid.	Depth of Box.	Trimming.
19 .....	1¼ inch	1½/16 inches	Carmine
20 .....	1½ inch	7/8 inches	Carmine
29 .....	1¼ inch	7/16 inches	Bronze
30 .....	1½ inch	9/16 inches	Bronze
31X .....	1¾ inch	1½/16 inches	Bronze

They shall have labels to conform to the sample exhibited by the contracting department if called for in the schedules.

They shall be delivered in packages containing one gross each.

Payment shall be made for the number of gross of boxes accepted, at the price bid per gross for each size and kind.

- 27 (N. Y.) Paper sliding boxes shall be made of pasteboard and shall have white glazed paper trimming.

They shall be of the sizes called for under the trade numbers in the schedules in accordance with the following table:

Trade Number.	Length.	Width	Depth.
47 .....	2¼ inches	1¼ inches	5/8 inch
48 .....	2½ inches	1½ inches	¾ inch
49 .....	2¾ inches	1¾ inches	7/8 inch
49X .....	3½/16 inches	2½/16 inches	1½/16 inch
49XX .....	3¼ inches	2¼ inches	1¾/16 inch
49XXX .....	35/8 inches	25/8 inches	15/16 inch

They shall be delivered in packages containing three dozen each. Numbers forty-seven, forty-eight and forty-nine shall be delivered in packages containing six dozen each rested if called for in the schedules.

Payment shall be made for the number of gross of boxes accepted, at the price bid per gross for each size.

- 28 (N. Y.) Formaldehyde candles shall be so made that the formaldehyde gas cannot be ignited during its generation and cause explosion or spreading of fire during use, and each candle shall deliver in formaldehyde the full equivalent of its paraformaldehyde content.

They shall contain either three hundred fifty (350) or five hundred (500) grains of paraformaldehyde as called for in the schedules.

All chemical and physical tests shall be made in accordance with the Board of Estimate's Standard Methods of Tests on file in the Standard Testing Laboratory.

They shall be delivered in packages containing one dozen candles each, and each candle shall be packed in a separate pasteboard container.

Payment shall be made for the number of dozens of candles accepted, at the price bid per dozen for each size.

For every cubic foot of space to be disinfected, one grain of paraformaldehyde is required.

- 29 (N. Y.) Glass invalid feeding cups shall be made of glass possessing sufficient strength to stand the shock of ordinary use, shall be of clear flint color, and reasonably free from bubbles. They shall be round, with shoulder about three (3) inches from the bottom. The neck above the shoulder shall be so shaped as to conveniently feed the full graduated capacity of the cups at approximately seventy-five (75) degrees from the vertical. The mouth shall be wide and smoothly finished.

They shall have a graduation scale blown in the glass as follows:

Lines and numerals at 1, 2, 4, 6 and 8 tablespoons, with the word table at the top of the scale.

Lines and numerals at 4, 8, 16, 24 and 32 teaspoons with the word tea at the top of the scale.

They shall be delivered separately packed in pasteboard boxes.

Payment shall be made for the number of dozens of cups accepted, at the price bid per dozen.

- 30 (N. Y.) Medicine glasses shall be made of glass possessing sufficient strength to stand the shock of ordinary use. They shall be of clear flint color with heavy bottoms and shall be reasonably free from bubbles.

They shall not be less than two (2) inches in diameter at the top and not less than two and one-quarter ( $2\frac{1}{4}$ ) inches in depth, inside measurements.

The glass shall be etched with a tablespoon scale on one side and a teaspoon scale on the other side of a vertical line, as follows:

Lines of numerals at 1, 2 and 3 tablespoons, with the word "table" above the third line.

Lines at each teaspoon, up to eight, and numerals at 1, 2, 4, 6 and 8, with the word "tea" after the numeral 8.

They shall be delivered in pasteboard boxes containing one dozen each.

Payment shall be made for the number of dozens of glasses accepted, at the price bid per dozen.

- 31 (N. Y.) Medicine droppers shall be made of clear flint glass. The points shall be rounded and shall deliver water in drops of one minim each. They shall be curved or straight and plain or graduated, as called for in the schedules. The bulbs shall be of seamless black rubber and clean inside. They shall fit airtight around the shoulder of the tubes, and shall be of sufficient drawing strength to fill and empty the droppers.

The tubing of the plain droppers shall be not less than two and three-quarters ( $2\frac{3}{4}$ ) inches in length and one-quarter ( $\frac{1}{4}$ ) inch in diameter. The tubing of the graduated droppers shall not be less than four and one-quarter ( $4\frac{1}{4}$ ) inches in length and one-quarter ( $\frac{1}{4}$ ) inch in diameter.

Graduated droppers shall have a line at each minim to 30 minims, and numerals at ten, twenty and thirty minims.

They shall be delivered in cartons containing twelve droppers each.

Payment shall be made for the number of dozens of droppers accepted, at the price bid per doz. for each kind.

- 32 (N. Y.) Amber bottles shall be made of glass possessing sufficient strength to stand the shock of ordinary use and the internal



pressure of stored fermentation and effervescence. They shall be of a dark yellowish brown amber color and reasonably free from bubbles.

They shall be of the stock sizes as called for in the schedules. Each size shall be of sufficient over-capacity to allow of agitation of contents.

They shall be of the shape, and either wide or narrow mouth, as called for in the schedules in accordance with the following standard shapes:

Philadelphia ovals, prescription,  
 Union ovals, prescription,  
 Boston prescription,  
 Round bottom packers,  
 Round prescription (wide or narrow mouth),  
 Blake (short or tall, wide or narrow mouth),  
 French square (wide or narrow mouth).

They shall be delivered in original packages containing the number of dozens indicated in the following table:

	Ounces											Qt.
Capacity . . . . .	½	1	2	3	4	6	8	10	12	16	24	1
Dozens . . . . .	72	72	60	48	36	30	24	18	18	18	10	8

Payment shall be made for the number of gross of bottles accepted, at the price bid per gross for each size and kind.

### 33 (N. Y.)

Blue bottles shall be made of glass possessing sufficient strength to stand the shock of ordinary use and the internal pressure of stored fermentation and effervescence. They shall be of dark cobalt blue color and reasonably free from bubbles.

They shall be of the stock sizes as called for in the schedules. Each size shall be of sufficient over-capacity to allow of agitation of contents.

They shall be of the shape, and either wide or narrow mouth, as called for in the schedules in accordance with the following standard shapes:

Philadelphia ovals, prescription.  
 Union ovals, prescription.  
 Boston prescription.  
 Round prescription (wide or narrow mouth).  
 Blake (short or tall, wide or narrow mouth).  
 French square (wide or narrow mouth).

They shall be delivered in the original packages containing the number of dozens indicated in the following table:

	Ounces											Qt.
Capacity . . . . .	½	1	2	3	4	6	8	10	12	16	24	1
Dozens . . . . .	72	72	60	48	36	30	24	18	18	18	10	8

Payment shall be made for the number of gross bottles accepted, at the price bid per gross for each size and kind.

### 34 (N. Y.)

Flint bottles shall be made of glass possessing sufficient strength to stand the shock of ordinary use and the internal pressure of stored fermentation and effervescence. They shall be of clear flint color and reasonably free from bubbles.

They shall be of the stock sizes as called for in the schedules. Each size shall be of sufficient over-capacity to allow of agitation of contents.

They shall be of the shape, and either wide or narrow mouth, as called for in the schedules, in accordance with the following standard shapes:



Philadelphia ovals, prescription.  
Union ovals, prescription.  
Boston prescription.  
Round prescription (wide or narrow mouth).  
Blake (short or tall, wide or narrow mouth).  
French square (wide or narrow mouth).

They shall be delivered in the original packages containing the number of dozens indicated in the following table:

Capacity	$\frac{1}{2}$ oz., 1 oz., 2 oz., 3 oz., 4 oz., 6 oz., 8 oz., 10 oz., 16 oz., 24 oz., 1 qt.											
Dozens	72	72	60	48	36	30	24	18	12	10	8	

Payment shall be made for the number of gross of bottles accepted, at the price bid per gross for each size and kind.

35 (N. Y.) Green bottles shall be made of glass possessing sufficient strength to stand the shock of ordinary use and the internal pressure of stored fermentation and effervescence. They shall be of common green color and reasonably free from bubbles.

They shall be of the stock sizes as called for in the schedules. Each size shall be of sufficient over-capacity to allow of agitation of contents.

They shall be of the shape, and either wide or narrow mouth, as called for in the schedules, in accordance with the following standard shapes:

Philadelphia ovals, prescription.  
Union ovals, prescription.  
Boston prescription.  
Round prescription (wide or narrow mouth).  
Blake (short or tall, wide or narrow mouth).  
French square (wide or narrow mouth).  
Selzers ((wide or narrow mouth.)

They shall be delivered in the original packages containing the number of dozens indicated in the following table:

Capacity	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	oz.	qt.	gal	gal	gal
	$\frac{1}{2}$	1	2	3	4	6	8	10	12	16	24	1	2	1	2
Dozen	72	72	60	48	36	30	34	18	18	12	10	8	4	3	$\frac{1}{2}$

Payment shall be made for the number of gross of bottles accepted, at the price bid per gross for each size and kind.

36 (N. Y.) Citrate of magnesia bottles shall be made of glass possessing sufficient strength and chemical resistance to stand the shock of ordinary use and to remain unaffected by the use for which they are intended. They shall be of clear flint color, free from bubbles, with the blown label "Citrate of Magnesia" thereon; or they shall be of common green color, reasonably free from bubbles with plain surface, as called for in the schedules.

The sizes shall be either nine-ounce or twelve-ounce, as called for in the schedules.

They shall have porcelain stoppers with galvanized iron wire spring and antimony rubber washer.

Nine-ounce bottles shall be delivered in the original packages of eighteen dozen each, and twelve-ounce bottles shall be delivered in the original packages of one gross each.

Payment shall be made for the number of gross of bottles accepted, at the price bid per gross for each color and size.

37 (N. Y.)

Chloroform dropping bottles shall be made of glass possessing sufficient strength to stand the shock of ordinary use. They shall be of yellowish brown amber color and reasonably free from bubbles. They shall be about three and three-quarters ( $3\frac{3}{4}$ ) inches high and two and three-quarters ( $2\frac{3}{4}$ ) inches wide, and shall be flat on the bottom and on one side, and rounded on the other side. They shall have a cork stopper of best quality, with a hole in which shall be inserted two brass tubes one-eighth inch ( $\frac{1}{8}$ " ) in outside diameter, soldered together and to a larger brass tube and cap fitting through and over the cork. The tubes shall extend about one inch outside the cork, bent in opposite directions. One tube shall be about four and one-half ( $4\frac{1}{2}$ ) inches long, bent at lower end in the same direction as at the upper end to a degree that will cause it to touch the flat side of the bottle. The other tube shall end at the bottom of the cork, and shall have a conical head. A brass conical plug for the long or air tube and a brass cap for the short or drop tube shall be attached to opposite ends of a light brass chain about three (3) inches long. The upper part of the tubes and the stopper cap shall be nickel plated.

Payment shall be made for the number of dozens of bottles accepted, at the price bid per dozen.

38 (N. Y.)

Poison bottles shall be made of glass possessing sufficient strength to stand the shock of ordinary use and the internal pressure of stored fermentation and effervescence. They shall be of dark cobalt blue color and reasonably free from bubbles.

They shall be of the stock sizes as called for in the schedules.

They shall be of the round shoulder prescription shape to take a cork stopper. The surface, except the space left for the label, shall be covered with sharp points and ridges, raised about three-sixty-fourths ( $\frac{3}{64}$ ) inch.

They shall be delivered in the original packages containing the number of dozens indicated in the following table:

Ounces.												
Capacity . . . . .	$\frac{1}{2}$	1	2	3	4	6	8	10	12	16	24	1
Dozens . . . . .	72	72	60	48	36	30	24	18	18	12	10	8

Payment shall be made for the number of gross of bottles accepted, at the price bid per gross for each size.

39 (N. Y.)

Urinals shall be made of glass possessing sufficient strength to stand the shock of ordinary use and to remain unaffected by the use for which they are intended. They shall be of clear flint color and reasonably free from bubbles.

They shall be of eight ounce or sixteen ounce capacity as called for in the schedules.

They shall be male or female in shape and with or without handles as called for in the schedules and shall have blown graduation scale in ounces.

They shall be delivered in the original packages, one urinal to a carton.

Payment shall be made for the number of gross of urinals accepted at the price bid per gross for each size and kind.

PARTS AND REPAIRS TO MACHINERY, HARDWARE, ELECTRIC FIXTURES,  
PLUMBERS' SUPPLIES, ETC.

MR. ATCHLEY: I will make this suggestion, that if satisfactory, we each bring our head machinist, head carpenter, head electrician, and so on, with such things as are necessary to get at this thing intelligently, to-morrow morning. ADOPTED.

MR. ATCHLEY: I also move that any equipment of a special make necessary to have to fit the fixtures or machinery now in the various institutions, be designated in such a manner that the purchasing agent can provide for the necessary repairs thereto. ADOPTED.

MR. ATCHLEY: I move you that the different pipes as specified here in the New York specifications be adopted as standards. ADOPTED.

THE STANDARDS ON PIPE ADOPTED ARE AS FOLLOWS:

WROUGHT IRON PIPE (BLACK OR GALVANIZED)

Wrought iron pipe, black or galvanized, shall be made of genuine wrought iron, no scrap or any steel whatever being used, and shall be rolled to uniform gage throughout. All pipe two (2) inches and larger in diameter shall be lap-welded, and pipe smaller than two (2) inches in diameter shall be either lap-welded or butt-welded, unless lap-welded pipe is called for in the schedules.

All pipe shall have a smooth surface, free from injurious rust, mill scale, sand marks, cracks, laminations, blisters, beads or imperfect welds, or any other defect which would affect its strength or cause corrosion. It shall be free from bends, kinks, buckles and evidences of injury in manipulation or unequal contraction in cooling. Ordinary liquor marks, incident to manufacturing of welded material, shall not be cause for rejection.

The pipe shall conform to the following requirements as to physical properties and tests:

All pipe shall be tested at the mill to a minimum internal hydrostatic pressure of six hundred (600) pounds per square inch for standard pipe and one thousand (1,000) pounds per square inch for extra strong pipe. Any pipe which shows an indication of being defective after subjection to the above tests shall be rejected.

A test specimen as described herein, when heated to a bright cherry red, shall bend through one hundred eighty (180) degrees flat on itself without fracture on the outside of the bent portion.

A test specimen, when nicked on one side with a tool having a sixty (60) degree cutting edge, to a depth of not less than eight (8) per cent. nor more than sixteen (16) per cent. of the thickness of the specimen, and broken, shall show a fracture at least ninety (90) per cent. fibrous.

Bending tests may be made by pressure or by repeated light blows of a hammer.

In lieu of the nicking and bending test, a short section of pipe may be broken in like manner to completely expose the fibre.

In case of dispute the cross section of a test specimen may be ground, polished and etched to develop the structure. This test shall show the pipe to be free from steel.

The above tests may be omitted on orders of one thousand (1,000) pounds or less or when the pipe is to be used for racks or railings.

All physical tests shall be made in accordance with the Board of Estimate's Standard Methods of Tests on file in the Standard Testing Laboratory.

Bending test specimens shall be cut longitudinally from the end of a pipe selected at random from the particular lot it represents, flattened hot, and machined to one (1) inch in width with corners rounded to a radius not over one-sixteenth ( $\frac{1}{16}$ ) inch.

At least one test sample shall be taken to represent each five hundred (500) linear feet or less of pipe four (4) inches or larger in diameter, and one thousand (1,000) linear feet or less, or five thousand (5,000) pounds or less, of pipe smaller than four inches in diameter.



All pipes shall have the ends smoothly and squarely cut, and all burrs removed by reaming or otherwise. Unless drive pipe is called for, both ends of each length of standard pipe shall be threaded to fit pipe couplings with standard taper threads, unless otherwise called for in the schedules.

When drive pipe is called for in the schedules the ends shall be threaded to such a length that they will butt within the couplings.

All threads shall be full and cleanly cut. The axis of the thread shall correspond with the axis of the pipe and no appreciable shoulder shall be left after threading. Extra strong pipe shall be furnished with plain ends unless threaded ends are called for in the schedules.

When galvanized standard or extra strong pipe is called for in the schedules, it shall be furnished "galvanized" by the hot process only both on the inside and outside. The zinc coating shall average at least two (2) ounces per square foot and shall be smooth, continuous and entirely free, both inside and outside, of pinholes, bare spots or blisters. All couplings furnished with galvanized pipe shall be galvanized in the same manner.

### WELDED STEEL PIPE (BLACK OR GALVANIZED)

Welded steel pipe, black or galvanized, shall be made of soft weldable steel rolled from solid ingots. Sufficient drop shall be cut from the ends to insure sound material.

All pipe less than one and one-half inches in diameter shall be butt-welded; pipe from one and one-half ( $1\frac{1}{2}$ ) to three (3) inches in diameter shall be butt or lap-welded as called for in the schedules; pipe of greater diameter than three (3) inches shall be lap-welded.

All pipe shall have a smooth surface, free from injurious rust, mill scale, sand marks, cracks, laminations, blisters, cinder patches, beads or imperfect welds, or any other defect which would affect its strength or cause corrosion. It shall be free from bends, kinks, buckles and evidences of injury in manipulation or unequal contraction in cooling. Ordinary liquor marks, incident to manufacturing of welded material, shall not be cause for rejection.

The pipe shall conform to the following requirements as to physical properties and tests:

All pipe shall be tested at the mill to a minimum internal hydrostatic pressure, in conformity with the following table:

Size of Pipe Nominal Inside Diameter: Trade Designation.	Method of Manu- facture.	Test Pressure.	
		Standard Pipe.	Extra Strong Pipe.
$\frac{1}{8}$ inch to 1 inch incl.	Butt-weld	700 pounds	700 pounds
$1\frac{1}{4}$ inches to 2 inches, incl.	Butt-weld	700 pounds	1500 pounds
$2\frac{1}{2}$ inches to 3 inches, incl.	Butt-weld	800 pounds	1500 pounds
$1\frac{1}{2}$ inches to 2 inches, incl.	Lap-weld	1000 pounds	2500 pounds
$2\frac{1}{2}$ inches to 4 inches, incl.	Lap-weld	2000 pounds	2000 pounds
$4\frac{1}{2}$ inches to 6 inches, incl.	Lap-weld	1000 pounds	1800 pounds
7 inches	Lap-weld	1000 pounds	1500 pounds
8 inches	Lap-weld	1000 pounds	1500 pounds
9 inches	Lap-weld	900 pounds	1500 pounds
10 inches	Lap-weld	900 pounds	1200 pounds
11 inches	Lap-weld	800 pounds	1100 pounds
12 inches	Lap-weld	800 pounds	1100 pounds

Any pipe which shows an indication of being defective after subjection to the above tests shall be rejected.

Minimum tensile strength 50,000 pounds per square inch.

Minimum yield point  $\frac{1}{2}$  tensile strength.

Minimum elongation in 8 inches 18 per cent.

A test specimen shall bend through one hundred eighty (180) degrees around a diameter equal to the thickness of the material without fracture on the outside of the bent portion.

Bending tests may be made by pressure or by repeated light blows of a hammer.

On orders of one thousand (1,000) pounds or less or when the pipe is to be used for racks or railings the above tests may be omitted.

All physical tests shall be made in accordance with the Board of Estimate's Standard Methods of Tests on file in the Standard Testing Laboratory.

Tension and bending test specimens shall be cut longitudinally from the end of a pipe selected at random from the particular lot it represents, flattened hot and machined.

The standard test specimen for measurement of tensile strength and elongation shall be about eighteen (18) inches long with shoulders about two inches wide and three (3) inches long and shall have a parallel test section one and one-half (1½) inches wide and not less than nine (9) inches long connected to shoulder by curves from one (1) inch to three (3) inches radius.

Pipe smaller than one (1) inch diameter shall be tested whole by plugging both ends of an eighteen (18) inch test length with plugs three (3) inches long and submitting to tensile test.

Bending test specimens shall be machined to one inch (1) in width, if size of pipe permits, otherwise to full width of opened cut section, and shall have corners rounded to a radius not over one-sixteenth ( $\frac{1}{16}$ ) inch.

At least one test sample shall be taken to represent each five hundred (500) linear feet or less of pipe four (4) inches or larger in diameter, and one thousand (1,000) linear feet or less, or five thousand (5,000) pounds or less, of pipe smaller than four (4) inches in diameter.

All pipes shall have the ends smoothly and squarely cut, and all burrs removed by reaming or otherwise. Unless drive pipe is called for, both ends of each length of standard pipe shall be threaded to fit pipe couplings with standard taper threads, unless otherwise called for in the schedules.

When drive pipe is called for in the schedules, the ends shall be threaded to such a length that they will butt within the couplings.

All threads shall be full and cleanly cut. The axis of the thread shall correspond with the axis of the pipe and no appreciable shoulder shall be left after threading. Extra strong pipe shall be furnished threaded, unless pipes with plain ends are called for in the schedules.

When galvanized standard or extra strong pipe is called for in the schedules, it shall be furnished galvanized by the hot process only both on the inside and outside. The zinc coating shall average at least two (2) ounces per square foot, and shall be smooth, continuous and entirely free both inside and outside of pin holes, bare spots or blisters. All couplings or plugs furnished with galvanized pipe shall be galvanized in the same manner.

All pipe shall be of either "Standard" or "Extra Strong" weight and of the sizes as called for in the schedules in accordance with the following table:



Size of Pipe. Nominal Inside Diameter Trade Designation	Approximate Outside Diameter. In.	Thickness Stand. In.	Extra Strong. In.	Threads Per Inch	Nominal Weight Per Linear Foot	
					Stan. Pipe Thr.	Extra Strong Pipe
					with Coups. lbs.	With Plain Ends. lbs
$\frac{1}{8}$ inch .....	0.405	0.068	0.095	27	0.24	0.31
$\frac{1}{4}$ inch .....	0.540	0.088	0.119	18	0.42	0.54
$\frac{3}{8}$ inch .....	0.675	0.091	0.126	18	0.57	0.74
$\frac{1}{2}$ inch .....	0.840	0.109	0.147	14	0.85	1.09
$\frac{3}{4}$ inch .....	1.050	0.113	0.154	14	1.13	1.47
1 inch .....	1.315	0.133	0.179	11½	1.68	2.17
1¼ inch .....	1.660	0.140	0.191	11½	2.28	3.00
1½ inch .....	1.900	0.145	0.200	11½	2.73	3.63
2 inches .....	2.375	0.154	0.218	11½	3.68	5.02
2½ inches .....	2.875	0.203	0.276	8	5.82	7.66
3 inches .....	3.500	0.216	0.300	8	7.62	10.25
3½ inches .....	4.000	0.226	0.318	8	9.20	12.50
4 inches .....	4.500	0.237	0.337	8	10.89	14.98
4½ inches .....	5.000	0.247	0.355	8	12.64	17.61
5 inches .....	5.563	0.258	0.375	8	14.81	20.78
6 inches .....	6.625	0.280	0.432	8	19.18	28.57
7 inches .....	7.625	0.301	0.500	8	23.77	43.39
8 inches .....	8.625	0.322	0.500	8	28.81	38.05
9 inches .....	9.625	0.342	0.500	8	34.19	48.72
10 inches .....	10.750	0.365	0.500	8	41.13	54.73
11 inches .....	11.750	0.375	0.500	8	46.25	60.07
12 inches .....	12.750	0.375	0.500	8	50.71	65.41

A tolerance shall be permitted above and below the listed weight of five (5) per cent. for black, and three (3) per cent. below and eight (8) per cent. above for galvanized pipe.

The minimum thickness of the pipe shall be not more than one thirty-second ( $\frac{1}{32}$ ) inch less than the average thickness of the wall at any two points diametrically opposite each other.

Variations in the outside diameter of pipe above or below the sizes given in the table shall be allowed as follows:

For all sizes of pipe having a nominal diameter of two (2) inches or less, variation of one-sixty-fourth ( $\frac{1}{64}$ ) inch; for all sizes of pipe having a nominal diameter of two and one-half ( $2\frac{1}{2}$ ) inches up and including six (6) inches, variation one thirty-second ( $\frac{1}{32}$ ) inch; for all sizes of pipe whose nominal diameter is greater than six (6) inches variation not to exceed one (1) per cent. of the actual outside diameter given in the table.

The pipes shall be subject to inspection by the State of New Jersey, either at the point of manufacture or upon delivery, as called for in the schedules.

When inspection is made at the point of manufacture, the inspector shall have free entry at all times to all parts of the mill in which the pipes are being made. The manufacturer shall afford the inspector, free of cost, all reasonable facilities to satisfy him that the pipes are being furnished in accordance with this specification. All inspections and tests shall be conducted so as not to interfere unnecessarily with the operation of the mill. The manufacturer shall furnish all materials and apparatus required in making such tests, and shall notify the state of New Jersey before beginning manufacture so that provision may be made for inspection.

When the pipes are not inspected at the point of manufacture, the vendor shall furnish certificates in duplicate, executed by the manufacturer, showing that the pipes have met the requirements of the specification and have passed the necessary tests.

Each length of pipe shall be permanently marked so as to show the mill at which it was fabricated. Pipes smaller than two (2) inches in diameter may be shipped in bundles with the above statement marked on tags and tied to each bundle.

All pipes, unless otherwise called for in the schedules, shall be delivered in commercial lengths of sixteen to twenty-two feet. Standard pipe shall have a standard full weight coupling secured on one end of each length, and on pipes four inches and larger in diameter, the other end shall be fitted with a thread protector.

When drive pipe is called for in the schedules, each length shall be fitted with a heavy recessed drive pipe coupling.

When specified lengths are called for, a maximum variation in length of five per cent. shall be allowed, unless other variation is stipulated.

When pipe is required for railing purposes where a continuous smooth jointing is desirable, solid threaded plugs for inside joints shall be furnished with each length when called for in the schedules.

Spliced lengths shall not be accepted.

Payment shall be made for the number of linear feet of pipe accepted, at the price bid per linear foot, for each size and kind, or for the number of pounds accepted, at the price bid per pound.

For making the Van Stone joints and for some other special purposes, stipulations as to the quality of the steel should be added to the above specifications.

#### SEAMLESS BRASS PIPE:

Seamless brass pipe, iron pipe size, shall be drawn, semi-annealed, and shall be free from surface defects, inside and outside, clean, and of uniform color and quality, and true to gauge. It shall correspond in size to standard iron pipe, and shall take the standard iron pipe thread.

The pipe shall conform to the following requirements as to chemical composition:

	Maximum.	
Copper .....	65 per cent.	60 per cent.
Zinc .....	40 per cent.	35 per cent.
Lead .....	0.5 per cent.	.....

An analysis shall be made by the manufacturer, but check analysis may be made by the State of New Jersey.

The pipe shall conform to the following requirements as to physical properties and tests:

Each length of pipe before shipment shall be subjected internally to a hydrostatic pressure test of six hundred (600) pounds per square inch, and under this pressure there shall be no evidence of bulging, cracking or other defects.

Test strips of metal cut longitudinally from pipe that is two (2) inches or greater in size, and flattened cold, and short lengths of pipe that is less than two (2) inches in size shall show a tensile strength of not less than thirty-eight thousand (38,000) pounds per square inch.

The end of each test pipe shall stand being flattened by hammering until the sides are brought parallel, with a curve on the inside at the ends not greater in diameter than twice the thickness of the metal in the pipe, without showing cracks or flaws. A test pipe three (3) inches in length, when split, shall stand opening out flat without showing cracks or flaws.

Each test pipe shall stand threading in a satisfactory manner with the standard thread.

The chemical analysis may be omitted on orders of five hundred (500) pounds or less and the physical tests on orders of two hundred (200) pounds or less.

All chemical and physical tests shall be made in accordance with the Board of Estimate's Standard Methods of Tests on file in the Standard Testing Laboratory.

Brass pipe, iron pipe size, shall be of the size as called for in the schedules in accordance with the following table:

Iron pipe size.	Outside Diameter.	Weight per Foot.	
		Standard Weight pipe.	Extra Heavy pipe.
	In.	lbs.	.lbs.
⅛ inch	0.405	0.23	0.370
¼ inch	0.540	0.43	0.625
⅜ inch	0.675	0.62	0.830
½ inch	0.840	0.90	1.200
¾ inch	1.050	1.25	1.660
1 inch	1.315	1.70	2.360
1¼ inch	1.660	2.50	3.300
1½ inch	1.900	3.00	4.25
2 inch	2.375	4.00	5.460
2½ inch	2.375	5.75	8.300
3 inch	3.500	8.30	11.200

A variation of five (5) per cent above or below the standard weight given will be permitted. The pipe shall be uniform in thickness to within one hundredth (0.01) inch and shall be circular within two hundredths (0.02) inch; the mean outside diameter shall be within fifteen hundredths (0.15) inch of the outside diameter as called for in the schedules.

The pipe shall be subject to inspection by the State of New Jersey, either at the point of manufacture or upon delivery as called for in the schedules.

When inspection is made at the point of manufacture, the inspector shall have free entry at all times to all parts of the mill in which the pipe is being made. The manufacturer shall afford the inspector, free of cost, all reasonable facilities to satisfy him that the pipe is being furnished in accordance with this specification. All inspections and tests shall be conducted so as not to interfere unnecessarily with the operation of the mill. The manufacturer shall furnish all materials and apparatus required in making such tests, and shall notify the State of New Jersey before beginning manufacture so that provision may be made for inspection.

When the pipe is not inspected at the point of manufacture, the vendor shall furnish certificates in duplicate, executed by the manufacturer, showing that the pipe has met the requirements of the specification and has passed the necessary tests.

Unless otherwise called for in the schedules, pipe shall be furnished in commercial lengths with plain ends.

Payment shall be made for the number of pounds accepted, at the price bid per pound for each size.

#### GENUINE HALF AND HALF SOLDER.

Genuine half and half solder shall be made of new pig tin, Cornish, Straits, Malacca or Australian, and commercially pure pig lead.

The material shall conform to the following requirements as to chemical composition:

	Maximum.	Minimum.
Tin .....	50.5 per cent.	49.5 per cent.
Lead .....	50.5 per cent.	49.5 per cent.
Antimony .....	0.10 per cent.	.....
Zinc .....	trace	.....

The total tin and lead shall not be less than ninety-nine and eight-tenths (99.8) per cent.

All chemical tests shall be made in accordance with the Board of Estimate's Standard Methods of Tests on file in the Standard Testing Laboratory.

The manufacturer's name, brand or some other identifying mark, and the expression "½ & ½" shall be cast on each bar.

It shall be delivered in bars weighing about one pound each unless otherwise called for in the schedules.



Payment shall be made for the number of pounds accepted, at the price bid per pound.

#### WIPING SOLDER

Wiping solder shall be made of new pig tin, Straits, Cornish, Malacca or Australian, and commercially pure pig lead.

The material shall conform to the following requirements as to chemical composition.

	Maximum.	Minimum.
Tin .....	38.0 per cent.	37.0 per cent.
Lead .....	63.0 per cent.	62.0 per cent.
Antimony .....	0.10 per cent.	.....
Zinc .....	trace	.....

The total tin and lead shall not be less than ninety-nine and eight-tenths (99.8) per cent.

All chemical tests shall be made in accordance with the Board of Estimate's Standard Methods of Tests on file in the Standard Testing Laboratory.

The manufacturer's name, brand, or some other identifying mark, and the word "Wiping" shall be cast on each block.

It shall be delivered in blocks weighing about five pounds each unless otherwise called for in the schedules.

Payment shall be made for the number of pounds accepted, at the price bid per pound.

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MINUTES OF THE MEETING OF THE ADVISORY BOARD UNDER  
THE STATE PURCHASING ACT, HELD IN SENATE CHAM-  
BER ANTE-ROOM, TRENTON, NEW JERSEY, FRI-  
DAY, AUGUST 25, 1916.

The following members of the Advisory Board were present:

Dr. David F. Weeks, Chairman, Superintendent, State Village for Epileptics.  
Mr. O. M. Bowen, Warden, State Hospital at Morris Plains.  
Mr. S. T. Atchley, Warden, State Hospital, Trenton.  
Dr. M. A. Hallowell, Superintendent, Institution for Feeble-Minded.  
Dr. S. B. English, Superintendent, Sanatorium for Tuberculous Diseases.  
Mr. Richard Drever, Superintendent, State Home for Boys.  
Mr. Walter M. Kilpatrick, Superintendent, School for the Deaf.  
Mr. Jacob Shurts, President of Board, New Jersey State Prison.  
Mr. W. R. Valentine, Principal, Manual Training and Industrial School, Bordentown.  
Mr. John W. Bodine, Secretary, Board of Managers, Home for Disabled Soldiers at Vineland.

There were also present the following employees of Institutions:

Mr. Geo. T. Conkling, C. E., Sanatorium for Tuberculous Diseases.  
Mr. Christian Winter, Carpenter, Sanatorium for Tuberculous Diseases.  
Mr. W. Southe, Foreman Carpenter, State Hospital at Trenton.  
Mr. William Hirst, Chief Engineer, State Hospital at Trenton.  
Mr. Wm. H. Schultz, Steward, Village for Epileptics.  
Mr. McLauthlin, Engineer, School for the Deaf, Trenton.  
Mr. J. P. McCormick, Fiscal Agent, New Jersey State Prison.

There were present electricians from the following institutions:

State Hospital at Morris Plains, Sanatorium for Tuberculous Diseases.  
State Hospital at Trenton, Institution for Feeble-Minded.

CHAIRMAN: If there is no objection, we will dispense with the reading of the minutes.

A motion will be in order to request the Committee to consider whatever standards you wish. Suppose you want to consider plumbing and steam-fitting.

MR. ATCHLEY: If satisfactory to you, I would like to have Mr. Bowen here with me on the steamfitting and plumbing and supplies and carpenter tools, etc., if someone else will take care of electrical supplies. If agreeable to you, I move that we get out our list of repair supplies and each one take a list and we will take it item by item.

The above motion being seconded and passed, Mr. McCormack and the electricians of the various institutions met to consider the standards of electrical supplies, while the Advisory Board and the remaining employes of institutions who were present took up the schedule of the State Village for Epileptics for the three months period.

The following standards were adopted:



Standard No.	E. V. S. No.	Article.
1	698	Auger Bits, Job T. Pugh, No. 1 Warranted, 2-16".
2	699	Auger Bits, Job T. Pugh, No. 1 Warranted, 3-16".
3	700	Brads, Wire. American Steel & Wire Co., sizes, etc., as specified on schedules.
4	711	Belt Lacings, Rawhide, Oiled, light yellow, Schierens, length and width as specified on the schedules.
5	712	Casters, Furniture, Lignum, Wheel, 4 to set.
6	715	Chisels, Buck Bros.
7	716	Clamps, Steel Bar, Stern & Co.'s, lengths and widths as specified on the schedules.
8	728	Files. Standard shall be Nicholson make. Sizes and kinds as specified on schedules.
9	763	Leather Belts, Extra Heavy, Single; sizes as shown on schedules.
10	778	Planes, Block; Bailey; number and sizes as shown on schedules.
11	779	Planes, Block; Sergeant & Co., numbers and sizes as specified on schedules.
12	816	Tacks. Penn Tack Co., sizes as specified on schedules.
13	829	Bit Stock Drills, 1/8".
14	830	Bit Stock Drills, 11-32".
15	831	Bit Stock Drills, 3-16".
16	832	Bit Stock Drills, 7-32".
17	833	Bit Stock Drills, 5-16".
18	834	Bit Stock Drills, 13-32".
19	838	Waste, White, No. 1, Estimated 100 lbs. to bale.
20	838 1/2	Waste, Mixed, No. 1, Estimated 100 lbs. to bale.
<b>*Brushes.</b>		
21	925	XXX Universal, 1" wide.
22	926	XXX Universal, 2" wide.
23	927	XXX Universal, 3" wide.
23	928	XXX Universal, 4 1/2" wide.
24	929	Frenches' Tip-Top Round Paint Brushes No. 103 1/2, extra long bristles, No. 10-0.
25	930	Frenches' Russia Wall, 4 1/2" wide.
26	931	Frenches' Crown Calcimine, 8" wide.
27	932	Frenches' Round Glue, No. 5.
28	934 to 943	Emery and Sand Paper, B. & A. Co.'s, number and sizes as specified on schedule.
29	937 1/2	Emery Cloth.

\*On page 255 will be found specifications for brushes submitted by Dr. Weeks for consideration.

**Plumbing Materials.**

Standard E. V. S.

No. No. Article.

30 979 to 981 Flush Tank Washers, kinds and sizes as specified on schedules.

**Pipe Fittings.**

A motion by Dr. English that the set of rules formulated by the American Society of Mechanical Engineers in regard to pipe fittings be adopted as the correct standard in regard to sizes of pipe, taper of the thread, and weight of fittings was seconded and adopted.

A motion by Mr. Atchley that no standard of oil be adopted was seconded and adopted.

A motion by Mr. Atchley that the specifications for different photographic materials be accepted by the Purchasing Agent as presented by the different using agencies was seconded and adopted.

Standard E. V. S.

No. No. Article.

31 1138 to 1141 inclusive Horseshoe Nails. It was moved that the "Crown" be adopted as the standard, which motion was passed.

32 1158-1159 Horseshoes. "American Made" Shoes were adopted as the standards.

A motion by Mr. Bowen that the Advisory Board suggest to the Purchasing Agent that everybody be allowed to purchase their own garden seeds was seconded and passed.

A similar motion in regard to flower seeds, bulbs and plants was seconded and passed.

Standard E. V. S.

No. No. Article.

33 955 Barnes Pipe Cutter (Plumbing Materials).

**Building Materials.**

34 668 Portland Cement.

A motion was made, seconded and passed that King Windsor Plaster be adopted as the standard for Plaster.

DR. ENGLISH: I move that we submit the lists of two or three of the larger institutions to the Purchasing Agent for standards, and that the smaller institutions come as near this list in their ordering as is possible, and if we cannot get together, that the State Purchasing Agent be as liberal as possible during the first three months.

The motion was seconded, and passed by unanimous consent.

The following articles come under the motion above referred to:

**Supplies.**

Office Supplies,

Stationery,

Postage,

Dried Fruits. (Note—Dr. Chapin is going to make out list of Dried Fruits for next meeting.)

Fruits and Vegetables.  
Eggs,  
Meats and Lards,  
Poultry,  
Fish and Oysters,  
Table Relishes,  
Biscuits, Cakes and Crackers,  
Nuts,  
Candies,  
Bread, Buns and Rolls.  
Bedding,  
Kitchen Utensils,  
    Galvanized Iron Ware,  
    Tin Ware,  
Household Supplies,  
Sewing Machine Parts,  
Notions,  
Shoes and Slippers,  
Shoemakers' Supplies,  
Hardware,  
Paint Brushes,  
Sand Papers, and Emery Papers,  
Building Materials,  
Pipe Fittings,  
Electric Globes and Shades,  
Electric Lamps,  
Coal,  
Greases and Oils,  
Photographic Materials,  
Clock Dials,  
Blacksmith's Materials,  
Garden Seeds,  
Flower Seeds and Sundries,  
Farm Supplies,  
Feed and Grain,  
Harness and Stable Supplies,  
Sheet and Book Music and Supplies,  
Medical and Surgical Supplies,  
Dental Supplies,  
School Supplies,  
Broom Making Supplies and Materials,  
Leather and Leather Making Materials,  
Chemicals,  
Printing Supplies,  
Cigars, Tobacco, Cigarettes.

**Materials.**

Stove Repairs,  
Heater Repairs,  
Cane and Reed,  
Repairs for Victoria Paring Machine.  
Sewing Machine Parts and Accessories,  
Notions,  
Shoemaker's Supplies,  
Building Materials,  
Paints and Oils,

Crushed Trap Rock,  
Blacksmith Materials,  
Harness and Stable Supplies,  
Farm Machinery Repairs.

#### Equipment.

Window Shades,  
Stair Pads,  
Building Materials,  
Fruit Trees,  
Medical and Surgical Supplies,  
Farm Supplies,  
Harness,  
Farm Machinery and Tools,  
Music and Supplies,  
Books.

Dr. Hallowell reported that the name of the oil which she was asked to look up was "Flexible Compound," made by the Philadelphia Flexible Compound Company, and is used for polishing composition floors.

Dr. Weeks submitted the following specifications for Brushes for consideration:

#### WALL PAINT BRUSH.

No. 1—

ALL pure—Okatka Bristles—galvanized metal bands—polished handles  $4\frac{1}{2}$  inches wide,  $4\frac{3}{4}$  inches long, clear of bands.

#### VARNISH BRUSH.

No. 2—

X CHINESE.

Chiselled—Nickel bands—polished handles—pure black Chinese Bristles—1" wide,  $1\frac{3}{4}$ " long clear of bands. No. 2 same as above only 2" long clear of bands.

#### VARNISHH BRUSH.

No. 3—

XXX CHINESE

Chiselled—nickel bands—polished handles, pure black Chinese bristles 1" wide—2" long clear of bands.

No. 3 same as above only—

2" wide— $2\frac{1}{2}$ " long clear of bands.

No. 3 same as above only—

3" wide—3" long clear of bands.

#### OVAL VARNISH OR PAINT BRUSHES.

No. 4—

Chiselled—nickel ferrules—Beaver tail handles, pure black Chinese bristles,—Bridled—No. 8  $4\frac{3}{8}$ " long clear of ferrule—Solid Center

#### ROUND PAINT BRUSHES.

No. 5—

All pure white bristles—wire-bound—open center

No. 8/0— $5\frac{1}{2}$ " long clear of ferrules.

## KALSOMINE BRUSH.

No. 6—

ALL pure Russian bristles—white outside—gray bristles in the middle—galvanized metal bands—plain white wood handles—8" wide—5½" long, clear of band.

## PAINTERS' ROUND DUSTERS.

No. 7—

Pure white bristles outside—gray—Okatka bristles center—polished handles—length of bristles to be 4"—must be a good full practical duster.

## OVAL SASH TOOLS.

No. 8—

## XXX CHINESE.

Pure Chinese bristles—chiselled—seamless brass or seamless nickel ferrules—polished handles standard No. 2 size 1½" long clear of ferrule.

Standard No. 6 size—2" long clear of ferrule.

## CONSIDERATION OF MINUTES OF AUGUST 21ST.

The following changes and additions to the minutes of August 21st were adopted:

Item No. 19 } To read "Silver Forks, Standard, stamped as indicated on sched-  
Item No. 20 } ules.

Item No. 41—Change date from 1747 to 1847.

Mr. Atchley moved that Dr. English furnish specifications referred to in item No. 97.

Mr. Atchley moved that there be added to the minutes of August 21st the following item:

Item No. 247½—Men's Felt Boots with Perfection Overs for same.

Captain Drever moved that there be added to the minutes of August 21st the following item:

Item No. 148½—Swift's Blue Banner Soda.

The following item was also added:

Item No. 219½—Handkerchiefs, White, sizes and quality to be specified on schedules.

Item 219 was corrected to read: "Handkerchiefs, Turkey Red, must be guaranteed fast color, addition to list of August 21st.

Item 321½—T. D. Maurer's Roach Paste. ,

Dr. English moved that the Committees referred to in the minutes of August 21st be required to make reports at the next meeting.

Mr. Atchley reported that he was trying to get specifications on brooms.

Dr. English reported that his report on Butterine was not ready. He submitted the following specifications for blankets:

(To be known as Item 234½, August 21st.)

"Light gray blankets, 60 x 82, color gray as sample, weight not less than 2¼ lbs., to have not less than 34 threads of warp and 42 threads of filling to the inch, and to be equal in all respects, both as to quality and color, to our sample.

"Heavy blue blankets, 72" x 90", weight not less than 6½ lbs. to have not less than 37 threads of warp and 54 threads of filling to the inch, and to be equal in all respects, both as to color and quality, to our sample.

"Medium blue blankets, 60" x 82", weight not less than 5 lbs., to have not less than 37 threads of warp and 54 threads of filling to the inch, and to be equal in all respects, both as to color and quality, to our sample."



Captain Drever offered as an amendment to these specifications that they shall contain a provision that sizes, weights and colors as specified on the schedules be adopted.

A motion that the specifications be adopted as read and amended was seconded and passed.

### **Report of Committee to Standardize Electrical Supplies.**

MR. McCORMACK: The Committee on Standardizing Electrical Supplies report that where there has been more than one catalogue number used—for instance, different institutions have used different catalogue numbers describing the materials they need—we have decided to use one catalogue number—the numbers of one catalogue on each list to be the Manhattan Electrical Supply Company, for the purpose of showing the Purchasing Agent just what material is intended and will be wanted. That does not mean that that particular material must be ordered, but it describes the kind of material that is needed for each institution, and where there are two or three different kinds of soldering paste used, for instance, or soldering wire, we have tried to eliminate all but one, and use one particular kind of soldering paste and one kind of soldering wire, and that same rule applies to many other things that we could make uniform.

THE CHAIRMAN: Whose schedule will be the guide for the tabulation of these items?

MR. McCORMACK: I might suggest that there are many more items on the Trenton Hospital and Morris Plains than there are on the State Prison. It happens that we did not need as many articles as other institutions, therefore their lists will be very much larger, so one of these might be taken as the schedule to be used. If special apparatus or special materials are needed, they will have to come out of specifications as presented by the using agency, described without a catalogue number, or furnished according to sample.

Upon motion duly made and seconded, the report of the Committee was accepted and its recommendations adopted.

THE CHAIRMAN: The Committees have adopted standards where they were in possession of sufficient detailed data to properly formulate them. In many instances and items this has been impossible, for want of necessary data and time. They therefore suggest that for this contract period the items not standardized be listed as they appear on the respective schedules, and that the basis for comparison of material, quality, etc., be the samples established by the various consuming agencies, as heretofore.

Mr. Atchley moved that a Committee of Three, with the Chairman ex officio, be appointed to standardize the items coming under the repair classification as shown on the Analysis of Expenses Sheet.

The motion was accepted and adopted, and the following were appointed as members of the Committee.

Committee to Standardize Items coming under Repair Classification as shown on the Analysis of Expenses Sheet.

The Chairman, ex officio,

Mr. S. T. Atchley,

Mr. O. M. Bowen,

Dr. M. A. Hallowell.

MR. ATCHLEY: I move that the motion by which the time for the next meeting was set for Monday morning next at 10:00 o'clock and every day thereafter, be reconsidered.

CHAIRMAN: The motion is on the original motion.

MR. ATCHLEY: I move to amend the motion, that the Committee meet at the call of the Purchasing Agent.

CHAIRMAN: The original motion having been defeated, the motion is that the next meeting be at the call of the Purchasing Agent.

The motion was seconded and adopted.

The committee then adjourned, to meet at the call of the Purchasing Agent.

**MINUTES OF MEETING OF ADVISORY BOARD UNDER THE  
STATE PURCHASING ACT, HELD IN THE SENATE  
CHAMBER ANTE-ROOM, STATE HOUSE, TRENTON,  
N. J., SEPT. 1, 1916.**

Present: Dr. David F. Weeks, Chairman; Mr. John S. Neary, Secretary; Mrs. Eliz. V. H. Mansell, Dr. Hallowell, Mr. Shurts, Mr. Kilpatrick, Mr. Atchey, Mr. Bodine, Mr. Chandler, Mr. Bowen, Dr. Moore, Prof. Lipman, Dr. Chapin, Mr. Drever and Mr. J. J. Nevin, representing the State Comptroller.

The Advisory Board met at the above place and time, and the meeting was called to order by the Chairman.

Upon motion of Mr. Shurts, seconded by Mr. Bodine, the minutes of the meetings of the 24th and 25th of August were approved as written.

MR. ATCHLEY: I would suggest that we take these matters up in the form of this list on the analysis sheet.

THE CHAIRMAN: We offer this suggestion: that the form in making up the schedules in the future follow the form of the analysis sheet to facilitate the comparing of schedules.

We will now have the report of the special sub-committee who were to submit a report under the classification of repairs and so forth, bringing together the various items that are used in the three hospitals, and anyone else who wishes to add to them should do so now.

Whereupon the report of the committee as to the various items assigned to them was brought before the Board, discussed and adopted. The lists of standards so adopted are appended hereto, marked as per the following tabulation. Each group of items was separately discussed, and its adoption regularly moved, seconded and voted upon, no votes for rejection being cast as to any item.

**BRICK.—A.**

Brick, No. 1 common, straight hard, red.

Brick, No. 1, fire,  $2\frac{1}{2}$ "x $4\frac{1}{2}$ "x9", Mutton Hollow.

Brick, fire, Superior, Bull Nose.

Brick, pressed, face red.

Brick, range, Bramhall, Deane & Co., No. H A

Brick, range, Bramhall, Deane & Co., No. F

Brick, range, Bramhall, Deane & Co., No. G

Brick, range, V. Clad & Sons, No. 2 and No. 3.

Brick, range (French), Duparquet, Huot, & Moneuse, No. 2 and 3.

Brick, range, with water-back in front for Richardson & Boynton Range B. A. Perfect, 5 D.O-2.

Brick, fire, without water-back for Richardson & Boynton Range, Perfect 6X D.O-3.

Brick, End

Brick, L. H., Side } For Richardson & Boynton Range, Perfect No. 169.

Brick R. H., Side }

Brick without water-back, for Richardson & Boynton Range, American top, Perfect 6 D.O-2.

Brick, without water-back, for Richardson & Boynton, Perfect Range No. 5.

Brick with water-back for Bramhall, Deane Company's Range H. A.

Brick for Dougherty Range, No. 4.

Brick without water-back, for Dougherty Range No. 6.

Brick R. H. Side

Brick L. H. Side } For J. L. Mott's Defiance Range No. 9, 1893.

Brick without water-back.

Fire Clay

### ELECTRICAL SUPPLIES.—B.

Adjusters, cord, Manhattan Elec. Supply Co., Cat. No. 9093.

Attachment Plugs, Hubbel, No. 5493.

Batteries, Red Seal, No. 2445.

Batteries, Dry, Blue Bell Cells, regular, Fahnesstock Clips, No. 340393.

Battery Supplies for Samson Battery:

Depolarizing compound, No. 1.

Depolarizing compound, No. 2.

Rubber rings, No. 1.

Rubber Rings, No. 2.

Zincs, No. 2.

Bells, Peerless Skeleton 2½", No. 2080.

Bell transformer, Pittsburgh.

Buttons, hard rubber, push.

Buttons, push, wrought bronze loose back, No. 360411.

Boxes, Bossot, 4" square, galvanized.

Boxes, Bossot, 4" diameter, galvanized, with ½" knockouts.

Boxes, Bossot, 3" diameter, galvanized.

Boxes, Bossot, 3¼" octagon, galvanized.

Boxes, junction, 8"x6", Manhattan Elec. Supply Co., Cat. No. 19980.

Boxes, junction, 10" x 10" x 6", Manhattan Elec. Supply Co., Cat. No. 19982.

Boxes, junction, 12" x 10" x 6", Manhattan Elec. Supply Co., Cat. No. 19984.

Boxes, Union Switch, B. B. single.

Brackets, Wood, painted, 1½"x2"x12", No. 740148.

Buzzers, Iron box, No. 1848.

Conduit, ½", Galviduct."

Conduit, ¾", "Galviduct."

Conduit, 1", "Galviduct."

Conduit, 1¼", "Galviduct."

Conduit, 1½", "Galviduct."

Conduit, 2", "Galviduct."

Canopies, ⅝" slip, 4" diameter, Manhattan Elec. Supply Co., Cat. No. 6094.

Cord, reinforced, No. 18, Type P.

Cord, lamp No. 18, Twisted pair, N. E. S. C.

Cord, Duplex silk, No. 18.

Cord, No. 16, Asbestos covered, heater cord, N. E. S. C.

Clusters, Benjamin, 3 light, 1 circuit.

Clusters, Benjamin, 4 light, 2 circuit, 3x1.

Crowfeet, ⅛", Manhattan Elec. Supply Co., Cat. No. 6099.

Crowfeet, ¼", Manhattan Elec. Supply Co., Cat. No. 11048.

Crowfeet, ¼", Manhattan Elec. Supply Co., Cat. No. 11049.

Crowfeet, ⅜", insulated, Manhattan Elec. Supply Co., Cat. No. 5924.

Current, tap, Hubble, No. 5454.

Cutouts, main line, Manhattan Elec. Supply Co., Cat. No. 62965.

Condulets, ½", Types A, B, C, D, E, F, L, B

Condulets, ¾", Types A, B, C, D, E, F, L, B

Condulets, 1", Types A, B, C, D, E, F, L, B

Condulets, 1½", Types A, B, C, D, E, F, L, B

} Crouse Hinds.

Elbows,  $\frac{1}{2}$ ", "Galviduct."

Elbows,  $\frac{3}{4}$ ", "Galviduct."

Elbows, 1", "Galviduct."

Elbows,  $1\frac{1}{4}$ ", "Galviduct."

Elbows,  $1\frac{1}{2}$ ", "Galviduct."

Elbows, 2", "Galviduct."

Fans, electric, 12" Robbins & Meyers.

Fans, electric, 16" Robbins & Meyers.

Fixtures, desk, flexible, portable, Manhattan Elec. Supply Co., Cat. No. 6381.

Fixture studs,  $\frac{3}{8}$ ".

Fuses, 3 ampere, N. E. S. C.

Fuses, 6 ampere, N. E. S. C.

Fuses, 10 ampere, N. E. S. C.

Fuses, 15 ampere, N. E. S. C.

Fuses, 25 ampere, N. E. S. C.

Fuses, 30 ampere, N. E. S. C.

Fuses, 40 ampere, N. E. S. C.

Fuses, 50 ampere, N. E. S. C.

Fuses, 60 ampere, N. E. S. C.

Cartridge fuses, 250 volts, N. E. C. S.

Fuses, plug, 6 ampere

Fuses, plug, 10 ampere

Fuses, plug, 15 ampere

Fuses, plug, 30 ampere

Approved by N. E. C. 125 volts.

Fuses, type A, 3 ampere

Fuses, type A, 6 ampere

Fuses, type A, 10 ampere

Fuses, type A, 25 ampere

Fuses, type A, 30 ampere

Fuse wire, 1 spool, 1 ampere.

Ground Clamps, all in one.

Guards, lamp, Manhattan Elec. Supply Co., Cat. No. 166122.

Guards, lamp, "Lox On," Manhattan Elec. Supply Co., Cat. No. 16843.

Guage, U. S. Wireman's Calculating.

Hickies,  $\frac{1}{8}$ "x $\frac{1}{8}$ ".

Hickies,  $\frac{1}{4}$ "x $\frac{1}{8}$ ".

Hickies,  $\frac{1}{4}$ "x $\frac{1}{4}$ ".

Hickies,  $\frac{3}{8}$ "x $\frac{1}{8}$ ".

Hickies,  $\frac{3}{8}$ "x $\frac{1}{4}$ ".

Hickies,  $\frac{3}{8}$ "x $\frac{3}{8}$ ".

Handles, wood socket, Manhattan Elec. Supply Co., Cat. No. 6040.

Insulators, glass, Brookfield, List No. 700246.

Insulating Joints,  $\frac{3}{8}$ "x $\frac{1}{8}$ ".

Insulating Joints,  $\frac{3}{8}$ "x $\frac{1}{4}$ ".

Insulating Joints,  $\frac{3}{8}$ "x $\frac{3}{8}$ ".

Insulating Joints,  $\frac{1}{2}$ "x $\frac{1}{4}$ ".

Insulating Joints,  $\frac{1}{2}$ "x $\frac{3}{8}$ ".

Insulating Joints,  $\frac{3}{8}$ "x $\frac{1}{2}$ ".

Insulating Joints,  $\frac{1}{2}$ "x $\frac{1}{2}$ ".

Irons, electric, Simplex, No. 1906.

Keys for H. & H. Switch Locks.

Keys for Diamond H. Switch Locks.

Knobs, split, Thomas, No. 5 $\frac{1}{2}$ , New Code.

Lamp coloring, red, Manhattan Elec. Supply Co., Cat. No. 9301.

Lamp coloring, Frostine, Manhattan Elec. Supply Co., Cat. No. 9310.



Lock attachments, Mfg. No. 5001A.

Lock attachments, keys for 5001A lock attachments.

Lock attachments, and keys for Diamond H. Rotary flush switch No. 0105.

Loom, circular, inside diameter,  $\frac{1}{4}$ ", List No. 580231.

Lamps, Madza, 15 Watt	}	Edison or Westinghouse, 115 volts.
Lamps, Madza, 25 Watt		
Lamps, Madza, 40 Watt		
Lamps, Madza, 60 Watt		
Lamps, Madza, 100 Watt		

Lamps, Carbon, 2 C. P. colored red, 110 volts.

Lamps, Carbon, 2 C. P. miniature base, 110 volts.

Lamps, Carbon, 60 Watt, 220 volts.

Lamps, Carbon, 120 Watt, 110 volt, tubular.

Lamps, Madza,  $1\frac{1}{2}$  volt, flash light base.

Lamps, Nitrogen for 6.6 amp. primary series circuit, 20 amp. secondary.

Lamps, Nitrogen, 300 Watts, 600 C. P. to work with Westinghouse Luxolite Compensators.

Lock attachments, for H. & H. switches.

Lanterns, Delta, hand.

Mats, wood, 4" diameter.

Mats, wood, 3" diameter.

Moulding and Caping, wood, 2 wire.

Moulding Taplets, Mahattan Elec. Supply Co., Cat. No. 104090.

Moulding Taplets, Manhattan Elec. Supply Co., Cat. No. 104095.

Moulding Taplets, Manhattan Elec. Supply Co., Cat. No. 104099.

Paste, soldering, "Nokorode."

Pushes, floor, combination, Manhattan Elec. S. Co., Cat. No. 1263.

Plates, 1 gang, for H. & H. push switches.

Plates, 2 gang, for H. & H. push switches.

Receptacles, porcelain base, Manhattan Elec. S. Co., Cat. No. 9402.

Receptacles, moulding, Manhattan Elec. S. Co., Cat. No. 50724.

Receptacles, wall key, Manhattan Elec. S. Co., Cat. No. 62350.

Receptacles, wall keyless, Manhattan Elec. S. Co., Cat. No. 62351.

Receptacles, wall pull chain, Manhattan Elec. S. Co., Cat. No. 10615.

Reflectors, 16" steel white enamel, Hubbel, 6063.

Rosettes, concealed base, Manhattan Elec. Supply Co., Cat. No. 11636.

Rosettes, cleat, Manhattan Elec. Supply Co., Cat. No. 11534.

Rubber Gloves, Manhattan Elec. Supply Co., Cat. No. 20224.

Rubber tape, "Okanite," Manhattan Elec. Supply Co., Cat. No. 4747.

Staples, double pointed Manhattan Elec. Supply Co., Cat. No. 4774.

Staples, saddle, Manhattan Elec. Supply Co., Cat. No. 4771.

Sockets, key,  $\frac{1}{8}$  Hubbel, Manhattan Elec. Supply Co., Cat. No. 9386.

Sockets, key,  $\frac{3}{8}$  Hubbel, Manhattan Elec. Supply Co., Cat. No. 50760.

Sockets, Pull chain,  $\frac{3}{8}$  Hubbel, Manhattan Elec. Supply Co., Cat. No. 50760.

Sockets, Pull chain,  $\frac{3}{8}$  Hubbel, Manhattan Elec. Supply Co., Cat. No. 25530.

Sockets, Pull chain,  $\frac{1}{8}$  Hubbel, Manhattan Elec. Supply Co., Cat. No.

Shade Holders,  $2\frac{1}{4}$ " Hubbel, Manhattan Elec. Supply Co., Cat. No. 11041.

Shade Holders,  $3\frac{1}{4}$ " Hubbel, Manhattan Elec. Supply Co., Cat. No. 11052.

Shade Holders, for  $\frac{3}{8}$ " Tubing,  $3\frac{1}{4}$ " Shades, M. Elec. S. C., Cat. No. 11060.

Shades, Green glass, half round, Manhattan Elec. Supply Co., Cat. No. 5538.

Switches, H. & H. single pole push, Manhattan Elec. S. Co., Cat. No. 2081.

Switches, H. & H. double pole push, Manhattan Elec. S. Co., Cat. No. 2082.

Switches, H. & H. single pole rotary, Manhattan Elec. S. Co., Cat. No. 11655.

Switches, H. & H. double pole, flush, rotary, M. Elec. S. C., Cat. No. 11657.

Switches, H. & H. 3 way, rotary, flush, Manhattan Elec. S. Co., Cat. No. 11658.

Switches, H. & H. 4 way, rotary, flush, Manhattan Elec. S. Co., Cat. No. 11659.  
 Switches, Diamond, H. lock, single pole.  
 Switches, Diamond, H. lock, double pole, flush.  
 Switches, Diamond H. lock 4 way, flush.  
 Switches, Diamond H. lock 3 way, flush.  
 Tape, friction, Grimshaw, Manhattan Elec. Supply Co., Cat. No. 4745.  
 Tubes, porcelain, 5-16" x 3".  
 Tubes, porcelain, 5-16" x 4".  
 Tubes, porcelain, 5-16" x 6".  
 Wire, No. 14, rubber covered, solid, N. E. C. S.  
 Wire, No. 12, rubber covered, solid, N. E. C. S.  
 Wire, No. 10, rubber covered, solid, N. E. C. S.  
 Wire, No. 8, rubber covered, solid, N. E. C. S.  
 Wire, No. 6, rubber covered, stranded, N. E. C. S.  
 Wire, No. 4, rubber covered, stranded, N. E. C. S.  
 Wire, No. 2, rubber covered, stranded, N. E. C. S.  
 Wire brass, No. 24, ¼ lb. to spool (for school use).  
 Wire, fence, No. 7, galvanized, solid, in coils (farm use).  
 Wire, fuse, 5 amp. No. 541427.  
 Wire, fuse, 6 amp. No. 541428.  
 Wire, fuse, 10 amp. No. 541432.  
 Wire, fuse, 45 amp. No. 541443.  
 Wire, fuse, 50 amp. No. 541444.  
 Wire, fixture, solid, N. E. C. standard, B. & S. No. 18, No. 660136.  
 Wire, interior telephone, No. 19, twisted pr. Olive Green, B. & S.  
 Wire, outside distributing, B. & S. No. 18, rubber covered.  
 Wire, non-equitable, stranded, B. & S. No. 8, for motion picture machine.  
 Wire, Sprague, flexible, steel armored, conductor, twin, type B. X., solid No. 14, B. & S.  
 (See page 1097 W. E. Catalog.)  
 Wire annunciator No. 16, various colors.  
 Wire annunciator No. 16, Duplex.  
 Wire, Duplex, No. 14, solid, N. E. C. S.  
 Wire, Duplex, No. 12, solid, N. E. C. S.  
 Wire, Duplex, No. 10, solid, N. E. C. S.  
 Wire, Duplex, No. 8 solid, N. E. C. S.  
 Wire, Duplex, No. 6 stranded N. E. C. S. } Rubber covered.  
 Wire, Fish, ½".  
 Wire, Fish, ¼".

(Numbers of Electrical Supplies refer to Western Electric Co.'s catalog, 1915 and 1916.)

## GLASS.—C.

Glass, 42"	x	48"	Double Thick,	50 sq. ft. to box,	Quality A	Pittsburgh Glass Co.
Glass, 30"	x	34"	"	"	"	"
Glass, 14"	x	32"	"	"	"	"
Glass, 16"	x	20"	Single	"	"	B
Glass, 14"	x	22"	"	"	"	"
Glass, 12"	x	18"	"	"	"	"
Glass, 10"	x	15"	"	"	"	"
Glass, 12"	x	12"	"	"	"	"
Glass, 12"	x	20"	"	"	"	"
Glass, 10"	x	12"	"	"	"	"
Glass, 8"	x	10"	"	"	"	"
Glass, 6"	x	18"	"	"	"	"
Glass, 6"	x	15"	"	"	"	"
Glass, 10½"	x	48"	Double	"	"	A
Glass, 14½"	x	26"	"	"	"	"



Brads,  $\frac{1}{2}$ " No. 18,  $\frac{3}{4}$ " No. 17, 1" No. 16,  $1\frac{1}{4}$ " No. 16,  $1\frac{1}{2}$ " No. 15,  $\frac{3}{4}$ " No. 18, 1" No. 17,  $1\frac{1}{4}$ " No. 17,  $1\frac{1}{4}$ " No. 18,  $1\frac{1}{2}$ " No. 13,  $1\frac{1}{2}$ " No. 17,  $1\frac{1}{2}$ " No. 18,  $2\frac{1}{2}$ " No. 10, American Steel & Wire Co. Brads in 1 lb. packages.

Brads, Wire, Brass,  $\frac{5}{8}$ " and  $\frac{3}{4}$ ".

Block Wood snatch, 3" x  $\frac{7}{8}$ " Sheave, Supplee & Biddle.

Block wood snatch,  $5\frac{3}{4}$ " x  $1\frac{1}{4}$ ", sheave, Supplee & Biddle.

Block wood tackle,  $3\frac{1}{2}$ " sheave in  $\frac{3}{4}$ " rope, Supplee & Biddle.

Block wood tackle, 5" sheave in 1" rope, Supplee & Biddle.

Cupboard turns, T 4230, Sargent.

Cupboard catches, No. 14727, old copper, Supplee & Biddle.

Chain, No. 2, Brass Navy.

Couplings, Rope,  $\frac{3}{4}$ " and 1", Sedgwick Machine Works.

Chain, bolt, 6" No. 151, Supplee & Biddle.

Casters, Stationery,  $4\frac{1}{2}$ " wheel, Payson.

Casters, Payson swivel, No. 190.

Casters, plate No. 4, Wrightsville Mfg. Co.

Casters, Grip neck, solid steel horn, stamped steel frame and tooth track, plate socket, steel stem and axle, plain finish, Lignum Vitae wheel, diameter of wheel 11-6", 4 to set.

Catches, elbow.

Carpenter's Chalk, No. W 10, white; No. R 20, red; No. B 30, blue.

Chair Seats, birch, square, 18" and 20", Supplee & Biddle.

Chair Seats, ball top, birch, 14", 16", 18", 20", Supplee & Biddle.

Chair Seats, Imitation walnut, ball top, 14", 16", 18", 20", Supplee & Biddle.

Clamp, shawnut, ground,  $\frac{1}{2}$ " pipe.

Clamp, Shawnut ground,  $\frac{3}{4}$ " pipe.

Clamps, shawnut, ground, 1" pipe.

Clamps, furniture, Stearns & Co., 4 ft. long, pairs.

Cord, silk, green, 1-16" thick.

Cord, brown, 1-16" thick.

Cord, maroon, 1-16" thick.

Cotter pins, assorted,  $\frac{1}{8}$ " to 3-16", 1° to  $1\frac{1}{2}$ " long.

Cotter pins, bright, size 2" to 3-16".

Door knobs, porcelain, No. T 202, Supplee & Biddle.

Door knobs, wood, No. 1300, Supplee & Biddle.

Door stops, Tuscan bronzed, No. 200, Supplee & Biddle.

Door springs, Perfect, No. 56, Sargent Co.

Door springs, Torrey, No. 2, Sargent Co.

Drills, twisted, for brace, standard,  $\frac{1}{8}$ ", 11-32", 3-16", 7-32", 5-16", 13-32".

Escutcheons No. 2, japanned, Supplee & Biddle.

Escutcheons No. 2/0, Apple Wood, Supplee & Biddle.

Eave trough, slip joint, galv. genuine ingot iron, R. H. 6".

Eave trough, slip joint, galv. genuine ingot iron, L. H. 6".

Elbows, for leaders, galv. genuine ingot iron, 3" x 4".

Elbows, for leaders, galv. genuine ingot iron, 45° 3" x 4".

Elbows, smoke pipe, black, 24 gauge, 5".

Elbows, smoke pipe, black, 24 gauge, 6".

Elbows, smoke pipe, black, 24 gauge, 7".

Elbows, smoke pipe, galv. 24 gauge, 6".

Elbows, smoke pipe, galv. 24 gauge, 7".

Elbows, smoke pipe, galv. 24 gauge, 10".

Faucets, brass.

Faucets, wooden, cork lined, 9".

Gate Hoops and Eyes, No. 40,  $2\frac{1}{2}$ ", Supplee & Biddle.

Glazier's Points, zinc coated, triangular, No. 1 in  $\frac{1}{2}$  lb. papers.

Glue pot, American Electric, List No. 380076, Mfg. No. 143, capacity 2 qts.

Hinges, Bommer 3", No. 29, double action.



Hinges, Bommer, 4", No. 30, double action.  
Hinges, strap screw hook, No. 40, 30" long, Supplee & Biddle.  
Hinges, strap, No. 800, 6" wrought steel, Supplee & Biddle.  
Hinges, T., No. 805, 6" wrought steel, Supplee & Biddle.  
Hinges, heavy strap, 8".  
Hinges, light strap, 3".  
Hinges, tee, heavy, 8".  
Hasps, safety, No. 820, 6" McKinney Co.  
Hasps, safety, No. 820, 4½", McKinney Co.  
Hooks, school house, No. 3, Japanned, Supplee & Biddle.  
Hooks, ceiling, No. 2, Japanned, Supplee & Biddle.  
Hooks, harness, No. 18, Japanned, Supplee & Biddle.  
Hooks, belt, No. 5, Royal Steel, Supplee & Biddle.  
Hooks, brass, cup, 1".  
Hooks, brass plated, hat and coat, No. 953.  
Hooks, screw eye, 2".  
Hooks, screw eye, 3".  
Hooks, screw eye, 4".  
Hooks, screw eye, 5".  
Hose menders, ¾".  
Hangers, barn door, Richards & Wilcox, Aurora, Ill.  
Hangers, Berger Bros., for 6" eave trough.  
Hangers, Peerless for storm sash, No. 1717.  
Key Blanks, nickel palted, No. S 140, No. S 145, No. S 240, No. S 245, Supplee & Biddle.  
Knob Washers, No. 516, Supplee & Biddle.  
Knob Screws, No. 716, blue, Supplee & Biddle.  
Knob Spindles, solid, plain, No. K S 4, 4"; No. K S 5, 5", Supplee & Biddle.  
Locks, mortise dead, No. 4969 P., Sargent & Co.  
Locks, mortise knob, No. 5234, 3½", Sargent & Co.  
Locks, wardrobe, No. 726, alike, Corbin Lock Co.  
Locks, wardrobe, No. 726, all different, Corbin Lock Co.  
Locks, iron drawer, No. 654, all different, Supplee & Biddle.  
Locks, iron drawer, No. 98, all alike, Supplee & Biddle.  
Locks, Yale night latch, No. 46, Yale & Towne.  
Locks, padlock, Yale, No. 843, Yale & Towne.  
Locks, padlock, Sargent, No. 686, Sargent & Co.  
Locks, padlock, Champion, 6 leaver, No. I X C, Supplee & Biddle.  
Locks, mortise dead, special made, all one size, different keyed.  
Locks, mortise dead spring, bolt, all one size, different keyed, special made for wards.  
Level glasses, Stanley, 2½" long, Supplee & Biddle.  
Leaders, galv. genuine, Ingot iron, 3" x 4".  
Nails, 60d, wire nails, rough, American Steel & Wire Co.  
Nails, 20d, wire nails, rough, American Steel & Wire Co.  
Nails, 10d, wire nails, rough, American Steel & Wire Co.  
Nails, 8d, wire nails, rough, American Steel & Wire Co.  
Nails, 6d, wire nails, rough, American Steel & Wire Co.  
Nails, 4d, wire nails, rough, American Steel & Wire Co.  
Nails, 10d, shot head wire finishing nails, American Steel & Wire Co.  
Nails, 8d, shot head wire finishing nails, American Steel & Wire Co.  
Nails, 6d, shot head wire finishing nails, American Steel & Wire Co.  
Nails, flat head wire, ¾", No. 15, American Steel & Wire Co.  
Nails, flat head wire, 1", No. 15, American Steel & Wire Co.  
Nails, flat head wire, 1¼", No. 15, American Steel & Wire Co.  
Nails, 4d, wire, slater's rough, American Steel & Wire Co.  
Nails, 1" roofing, American Steel & Wire Co.  
Nails, lath.  
Nails, gilt upholstery, No. 42.



Nails, Claught, blue,  $\frac{1}{2}$ ",  $\frac{5}{8}$ ",  $\frac{3}{4}$ ", 1",  $1\frac{1}{4}$ ".  
 Nails, horse shoe, regular head, Capewell, No. 5, 5 lbs. to box.  
 Nails, horse shoe, regular head, Capewell, No. 6, 5 lbs. to box.  
 Nails, horse shoe, regular head, Capewell, No. 7, 5 lbs. to box.  
 Nails, horse shoe, regular head, Capewell, No. 8, 5 lbs. to box.  
 Nails, Milonite, for electrical work.  
 Nails, wire, clinching,  $\frac{4}{8}$ ".  
 Nails, wire, clinching,  $4\frac{1}{2}/8$ .  
 Nails, wire, clinching,  $\frac{5}{8}$ .  
 Nails, wire, clinching,  $5\frac{1}{2}/8$ .  
 Nails, Shoe,  $\frac{5}{8}$ ", No. 13.  
 Nails, iron Swede, shoe,  $\frac{7}{8}$ ".  
 Nails, iron Swede, shoe, 1".  
 Nails, channel, size  $3\frac{1}{2}$ ".  
 Nails, channel, size  $\frac{4}{8}$ .  
 Nails, channel, size  $4\frac{1}{2}/8$ .  
 Nails, channel, size  $\frac{5}{8}$ ".  
 Nails, channel, size  $5\frac{1}{2}/8$ .  
 Nails, wire, 3d fine.  
 Nails, wire, 5d, common.  
 Nails, wire, 40d, common.  
 Nails, wire, 5d, finish.  
 Pulls, drawer, cast bronze, No. 1242, P. & F. Corbin.  
 Pulls, door, No. 504, Sargent & Co.  
 Pulls, door B B 1460, Sargent & Co.  
 Rope,  $\frac{3}{4}$ " Russian hemp, 4 strands with core, Sedgwick.  
 Rope,  $\frac{3}{4}$ " Manila, 4 strands with core, Sedgwick.  
 Rope, 1" Manila, 4 strands with core, Sedgwick.  
 Rope,  $\frac{3}{4}$ " durable wire, Sedgwick Machine Works.  
 Roseses, Applewood, No. 13,  $2\frac{1}{8}$ " dia., Supplee & Biddle.  
 Rings, key,  $1\frac{1}{2}$ ".  
 Rings, hog, Blairs, 100 to box.  
 Rings, pig, Blairs, 100 to box.  
 Rivets, tubular, No. 1, Japanned, 50 to box, assorted sizes  $\frac{3}{16}$ " to  $\frac{8}{18}$ ".  
 Rivets, iron, flat head, 1" x  $\frac{3}{16}$ ".  
 Rivets, iron, flat head,  $1\frac{1}{2}$ " x  $\frac{3}{16}$ ".  
 Rivets, iron, flat head, 2" x  $\frac{3}{16}$ ".  
 Rivets, iron, flat head, 3" x  $\frac{3}{16}$ ".  
 Rivets, iron, flat head, 1" x  $\frac{1}{4}$ ".  
 Rivets, iron, flat head,  $1\frac{1}{2}$ " x  $\frac{1}{4}$ ".  
 Rivets, iron, flat head, 2" x  $\frac{1}{4}$ ".  
 Rivets, iron, flat head, 3" x  $\frac{1}{4}$ ".  
 Rivets, iron, round head,  $\frac{1}{8}$ " x 1".  
 Rivets, iron, round head,  $\frac{3}{16}$ " x 2".  
 Rivets, iron, round head,  $\frac{3}{16}$ " x 1".  
 Rivets, iron, round head,  $\frac{3}{16}$ " x 3".  
 Rivets, iron, round head,  $\frac{1}{4}$ " x 1".  
 Rivets, iron, round head,  $\frac{1}{4}$ " x 2".  
 Rivets, iron, round head,  $\frac{1}{4}$ " x 3".  
 Screws, flat head, bright,  $\frac{3}{8}$ " No. 4, American Screw Co.  
 Screws, flat head, bright,  $\frac{1}{2}$ " No. 4, " " "  
 Screws, flat head, bright,  $\frac{3}{4}$ " No. 5, 6, 7, 8, 9, 10, American Screw Co.  
 Screws, flat head, bright, 1" No. 5, 6, 7, 8, 10, 12 " " "  
 Screws, flat head, bright,  $1\frac{1}{4}$ " No. 6, 7, 8, 10, 11, 12 " " "  
 Screws, flat head, bright,  $1\frac{1}{2}$ " No. 8, 9, 10, 11, 12, 14 " " "  
 Screws, flat head, bright,  $1\frac{3}{4}$ " No. 9, 10, 11, 12, 14 " " "  
 Screws, flat head, bright, 2" No. 8, 9, 12, 14, 16 " " "

Screws flat head, bright,  $2\frac{1}{2}$ " No. 8, 9, 12, 14, 16 American Screw Co.  
 Screws, flat head, bright, 3" No. 12, 14, 16 " " "  
 Screws, flat head, bright,  $3\frac{1}{2}$ " No. 18, American Screw Co.  
 Screws, flat head, bright, 4", No. 16 " " "  
 Screws, round head, blue,  $\frac{3}{4}$ " No. 8, 10, American Screw Co.  
 Screws, " " " 1" No. 8, 10 " " "  
 Screws, " " "  $1\frac{1}{4}$ " No. 8, 10 " " "  
 Screws, " " "  $1\frac{1}{2}$ " No. 9, 12, " " "  
 Screws, " " " 2" No. 8, 9, 12, 10 " " "  
 Screws, " " "  $1\frac{3}{4}$ " No. 9, 10, 12 " " "  
 Screws, " " "  $2\frac{1}{2}$ " No. 10, 12, 14 " " "  
 Screws, wood, flat head, brass,  $1\frac{1}{4}$ " No. 10, American Screw Co.  
 Screws, wood, flat head, brass,  $1\frac{1}{2}$ " No. 9, 12, " " "  
 Screws, wood, flat head, brass,  $1\frac{3}{4}$ " No. 12 " " "  
 Screws, wood, flat head, brass, 2" No. 12 " " "  
 Screws, wood, flat head, brass,  $2\frac{1}{2}$ " " " "  
 Screws, wood, flat head, brass, 1" No. 9 " " "  
 Screws, wood, flat head, brass,  $\frac{3}{4}$ " No. 8 " " "  
 Screws, wood, round head, brass,  $\frac{3}{4}$ " No. 5 " " "  
 Screws, wood, round head, brass, 1" No. 5, 8 " " "  
 Screws, wood, round head, brass,  $1\frac{1}{4}$ " No. 6 " " "  
 Screws, wood, round head, brass,  $1\frac{1}{2}$ " No. 10, 12 " " "  
 Screws, wood, round head, brass,  $1\frac{3}{4}$ " No. 12, 14 " " "  
 Screws, wood, round head, brass, 2" No. 14, 16 " " "  
 Screws, wood, round head, brass, 2" No. 14, 16 " " "  
 Screws, coach,  $\frac{1}{4}$ " x  $2\frac{1}{2}$ " Foster Bolt & Nut Co.  
 Screws, coach,  $\frac{3}{8}$ " x 3" Foster Bolt & Nut Co.  
 Screws, coach,  $\frac{1}{2}$ " x 4" Foster Bolt & Nut Co.  
 Screws, coach,  $\frac{5}{8}$ " x 5" Foster Bolt & Nut Co.  
 Screws, coach,  $\frac{3}{4}$ " x 6" Foster Bolt & Nut Co.  
 Screws, coach,  $\frac{1}{4}$ " x 3" Foster Bolt & Nut Co.  
 Screws, coach,  $\frac{3}{8}$ " x 4" Foster Bolt & Nut Co.  
 Screws, coach,  $\frac{1}{2}$ " x 6" Foster Bolt & Nut Co.  
 Sash Cord, Silver Lake, B grade, No. 7B and No. 8B, Supplee & Biddle.  
 Sash Cord, Samson Spot No. 7SS, No. 8SS, Supplee & Biddle.  
 Sash Weights, round, lbs. 6, 8,  $8\frac{1}{2}$ , 10, 12, 14, 16, Supplee & Biddle.  
 Sash Locks, Crescent, bronzed, No. 831, Supplee & Biddle.  
 Sash Flush Lifts, dull brass finish, No. P 178/12, Supplee & Biddle.  
 Screw Eyes, bright wire, Nos. 5, 7, 8, 10, 210, 111, 212, 214, Supplee & Biddle.  
 Screw hooks, bright wire, Nos. 4, 5, 6, 7, 8, 9, 10, Supplee & Biddle.  
 Shutter holders, Zimmerman, No. 200, 12" and 14", Supplee & Biddle.  
 Shade Brackets for rollers.  
 Shade knobs, porcelain,  $0\frac{5}{8}$ ",  $0\frac{3}{4}$ ", 0.1", Sargent.  
 Shade knobs, porcelain, No.  $5\frac{1}{2}$ , Supplee & Biddle.  
 Shutter knobs, apple wood, No. 100, 1",  $1\frac{1}{4}$ ",  $1\frac{1}{2}$ ", Supplee & Biddle.  
 Shutter knobs, porcelain, No. 15, 1",  $1\frac{1}{2}$ ", 2", Supplee & Biddle.  
 Shields, Screw Anchor,  $\frac{1}{2}$ ".  
 Shields, Screw Anchor,  $\frac{3}{4}$ ".  
 Shields, Screw Anchor, 1".  
 Shields, expansion bolt,  $1\frac{1}{4}$ " x  $1\frac{1}{2}$ ".  
 Shields, expansion bolt,  $\frac{3}{8}$ " x 3".  
 Shields, expansion bolt,  $\frac{1}{2}$ " x 4".  
 Track for Richard & Wilcox barn door hangers, Shelton Co.  
 Tacks, carpet, tinned, No. 8, 10, 12.  
 Tacks, double pointed, tinned, No. 9, 10, 110, Hanover Tack Works.  
 Tacks, copper, No. 3, 6, 10.  
 Tacks, gimp,  $2\frac{1}{2}$  oz.  $\frac{1}{8}$  lb. papers.

Tacks, gimp, 2 oz.  $\frac{1}{8}$  lb. papers.  
 Tacks, gimp, 4 oz.  $\frac{1}{4}$  lb. papers.  
 Tacks, gimp, 6 oz.  $\frac{1}{4}$  lb. papers.  
 Tacks, gimp, 8 oz.  $\frac{1}{4}$  lb. papers.  
 Tacks, Sweeds, Upholsterer's,  $1\frac{1}{2}$  oz.  $\frac{1}{8}$  lb. papers.  
 Tacks, " " 2 oz.  $\frac{1}{8}$  lb. papers.  
 Tacks, " " 3 oz.  $\frac{1}{4}$  lb. papers.  
 Tacks, " " 4 oz.  $\frac{1}{4}$  lb. papers.  
 Tacks, " " 6 oz.  $\frac{1}{4}$  lb. papers.  
 Tacks, " " 8 oz.  $\frac{1}{4}$  lb. papers.  
 Tacks, " " 12 oz.  $\frac{1}{4}$  lb. papers.  
 Tacks, " " 16 oz.  $\frac{1}{4}$  lb. papers.  
 Tacks, Shoe, 1 oz.  
 Tacks, Shoe,  $1\frac{1}{2}$  oz.  
 Tacks, Shoe, 2 oz.  
 Tacks, Shoe,  $2\frac{1}{2}$  oz.  
 Tacks, thumb, for office use.  
 Twine, Congress, No. W 12 S, No. W 18 S, No. W 24 S, Supplee & Biddle.  
 Washers, wrought steel, size of hole,  $1/4"$ ,  $5/16"$ ,  $3/8"$ ,  $7/16"$ ,  $1/2"$ ,  $9/16"$ ,  $5/8"$ ,  $11/16"$ ,  $13/16"$ ,  $15/16"$ ,  $1-1/16"$ ,  $1-1/4"$ ,  $1-3/8"$ ,  $1-5/8"$ .  
 Wire cloth screen, Clinton, painted black, No. 22, width inches, 24", 28", 30", 32", 34", 14 mesh, Supplee & Biddle.  
 Wire cloth, copper, 14 mesh, width inches, 24", 28", 30", 32", 34", 36", New Jersey Wire Cloth Co.  
 Wire, poultry, Hexagon mesh, width inches, 24", 30", 36", 48", 60", 72", Supplee & Biddle.  
 Wire, galvanized cellar window, No.  $18\frac{1}{2}"$  mesh, width inches, 18", 24", 30", New Jersey Wire Cloth Co.  
 Wire fence staples, galvanized, size inches,  $\frac{1}{4}"$ ,  $1\frac{1}{2}"$ , Supplee & Biddle.  
 Wire fence, annealed, No. of gauge, 5, 6, 7, 8, 10.  
 Wire staples, galvanized, No. 14, wire,  $\frac{3}{4}"$  long.

## LUMBER.—E.

Ash, Clear, White,  $5/4 \times 12" \times 12$  ft.  
 Ash, Clear, White,  $2" \times 12" \times 12$  ft.  
 Cypress, dressed, 1st. and 2nds.,  $1" \times 12" \times 12$  ft.  
 Cypress, dressed, 1st and 2nds,  $1" \times 12" \times 14$  ft.  
 Cypress, dressed, 1st and 2nd,  $1" \times 12" \times 16$  ft.  
 Cypress dressed, No. 1 clear,  $5/4 \times 12" \times 16$  ft.  
 Cypress, dressed, No. 1 clear,  $2" \times 12" \times 16$  ft.  
 Chestnut, 1st and 2nds,  $2" \times 3" \times 12$  ft.  
 Chestnut, 1st and 2nds,  $2" \times 3" \times 14$  ft.  
 Chestnut, 1st and 2nds,  $2" \times 3" \times 16$  ft.  
 Cherry, rough, Kiln Dried, clear,  $5/4 \times 12" \times 12$  ft.  
 Cherry, rough, Kiln Dried, clear,  $5/4 \times 12" \times 14$  ft.  
 No. 1 Hemlock, Seasoned,  $1" \times 12" \times 16$  ft.  
 No. 1 " "  $2" \times 3" \times 14$  ft.  
 No. 1 " "  $2" \times 3" \times 16$  ft.  
 No. 1 " "  $2" \times 4" \times 16$  ft.  
 No. 1 " "  $2" \times 4" \times 18$  ft.  
 No. 1 " "  $2" \times 6" \times 14$  ft.  
 No. 1 " "  $2" \times 6" \times 16$  ft.  
 No. 1 " "  $2" \times 8" \times 14$  ft.  
 No. 1 " "  $2" \times 8" \times 16$  ft.  
 No. 1 " "  $2" \times 10" \times 12$  ft.  
 No. 1 " "  $2" \times 10" \times 14$  ft.  
 No. 1 " "  $2" \times 10" \times 16$  ft.

No. 1 Hemlock, Seasoned, 2" x 12" x 16 ft.  
 No. 1 " " 3" x 4" x 16 ft.  
 No. 1 " " 3" x 4" x 18 ft.  
 No. 1 " " 3" x 6" x 16 ft.  
 No. 1 " " 3" x 6" x 18 ft.  
 No. 1 " " 3" x 8" x 12 ft.  
 No. 1 " " 3" x 8" x 14 ft.  
 No. 1 " " 3" x 8" x 16 ft.  
 No. 1 " " 3" x 10" x 12 ft.  
 No. 1 " " 3" x 10" x 14 ft.  
 No. 1 " " 3" x 10" x 16 ft.  
 No. 1 " " 3" x 12" x 12 ft.  
 No. 1 " " 3" x 12" x 14 ft.  
 No. 1 " " 3" x 12" x 16 ft.  
 No. 1 " " 4" x 6" x 12 ft.  
 No. 1 " " 4" x 6" x 14 ft.  
 No. 1 " " 4" x 6" x 16 ft.  
 No. 1 " " 4" x 6" x 18 ft.  
 No. 1 " " 4" x 6" x 20 ft.  
 Hickory, Clear, 2" x 10"—12" x 10 ft.—12 ft.  
 Hickory, " 1½" x 10"—12" x 10 ft.—12 ft.  
 Michigan Maple, White Rock, Second growth, 2" x 8"—10"—12" x 12 ft.—14 ft.—16 ft.  
 Maple Flooring, Clear, 1" x 2¼" face.  
 Oak, Black, 3" x 12" x 12" x 14 ft. free from knots and sap.  
 Oak, White, 2" x 12" x 14 ft. free from knots and sap.  
 Oak, White, 1½" x 10"—12"—14" x 14 ft.—16 ft. free from knots and sap.  
 Oak, White, Quartered, 5/4 x 10"—12" x 12 ft.—14 ft.—16 ft., Kiln Dried.  
 Pine, White, 1" x 12" x 12 ft.—14 ft.—16 ft., No. 1 Barn.  
 Pine " 2" x 12" x 12 ft.—14 ft.—16 ft., No. 1 Barn.  
 Pine " 1" x 8"—10"—12"—14" x 12 ft.—14 ft.—16 ft., Uppers.  
 Pine " 2" x 12" x 14 ft.—16 ft. Uppers.  
 Pine, White, 5/4 x 10"—12"—14" x 12 ft.—14 ft.—16 ft. Uppers.  
 Pine " 1½" x 10"—12"—14" x 14 ft.—16 ft. Uppers.  
 Pine White Flooring T. G., 1" x 5½" x 16 ft. No. 2 Barn.  
 Pine " Philadelphia Fencing T. G., 1" x 5½" x 14 ft.—16 ft. No. 2 Barn.  
 Pine, White, German Sideing, No. 2 Barn.  
 Pine, Yellow, 1" x 12" x 16 ft. N. C. Stepping No. 1.  
 Pine, Yellow, 5/4 x 12" x 16 ft. N. C. Stepping No. 1.  
 Pine, Yellow, ½" x 3". N. C. Ceiling.  
 Pine, Yellow, 8" Roofers, T. G. N. C.  
 Pine, Yellow, 10" x 16 ft. Rabbited, N. C. Barn Bds.  
 Pine, Yellow, Flooring 5/4 x 2¼" face, B. Hearts, Rift.  
 Pine, Yellow, Flooring 1" x 2½" face, B. Hearts, Rift.  
 Poplar 5/8" Clear, Dressed.  
 Poplar, 1" Clear, Rough.  
 Poplar, 5/4, Clear, Rough.  
 Post, Chestnut, Sawed, 7 ft. long, 6" x 4" bottom, 6" x 3" top.  
 Post, " " 9 ft. long, 6" x 6" bottom, 6" x 3½" top.  
 Post, " " 12 ft. long, 6" bottom, 6" x 4" top.  
 Spruce, Merchantable, 1" x 2¼" x 12 ft.—14 ft.—16 ft. Lath Seasoned.  
 " " 1" x 12" x 16 ft., Seasoned.  
 " " 2" x 3" x 14 ft.—16 ft., Seasoned.  
 " " 2" x 4" x 16 ft.—18 ft. "  
 " " 2" x 6" x 16 ft. "  
 " " 2" x 8" x 16 ft. "  
 " " 2" x 10" x 16 ft. "  
 " " 2" x 12" x 16 ft. "

Spruce, Merchantable,	3" x 4" x 16 ft.—18 ft.	"
"	" 3" x 6" x 16 ft.	"
"	" 3" x 8" x 12 ft.—14 ft.—16 ft.	Seasoned.
"	" 3" x 10" x 12 ft.—14 ft.—16 ft.	"
"	" 3" x 12" x 12 ft.—14 ft.—16 ft.	"
"	" 4" x 6" x 12 ft.—14 ft.—16 ft.—18 ft.—20 ft.	Seasoned

## LIME, CEMENT, PLASTER, ETC.—F.

Clay, fire.

Clay, coloring (red).

Ells, 4" Terra Cotta, No. 2, glazed sewer.

Ells, 6", No. 1, glazed sewer.

Lime, fresh stone.

Lime, white rock (Tiger).

Lath, plastering, Spruce.

Lath, Bostwick, metal, Truss Loop.

Mortar, King Windsor, Keystone.

Plaster Paris.

Pipe, 4" Terra Cotta, No. 2 glazed sewer.

Pipe, 6" " " No. 2 " "

Pipe, 8" " " No. 2 " "

Pipe, 10" " " No. 2 " "

Pipe, 12" " " No. 2 " "

Pipe, 18" " " No. 2 " "

Stone, Trap Rock, 1½".

Stone, Trap Rock, ¾".

Stone, Trap Rock, Grits.

Screenings, Trap Rock.

Sand, clean, sharp, washed and screened.

Tile, Natco, 4" x 12" x 12".

Tile, Natco, 8" x 12" x 12".

Tile, quarry, red, 6" x 6".

Tile, quarry, red, 9" x 9".

Tile, white, glazed, 6" x 3".

Tile, 6" x 3" White Glazed, Bullnose Cap.

Tile, 6" x 3" " " In and Out corner, Bullnose Cap.

Tile, 6" x 3" " " Left and Right stop.

Tile, 6" x 6" " " Sanitary Base.

Tile, 6" x 6" " " In and Out Corner.

Tile, 6" x 6" " " Left and right stop.

Tile, ¾" Ceramic, in sheets.

Tile, ¾" Ceramic, Bullnose.

## MACHINERY, TOOLS, ETC.—G.

Axes, Dayton, Black Hawk, 3 lbs. to 4½ lbs., Supplee & Biddle.

Axes, Grub.

Awls, No. 17, Supplee & Biddle.

Bits, Pugh's Black Twist No. 135, sizes, 3/16, 4/16, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, Supplee & Biddle.

Bits, Auger, 2/16", Pugh's.

Bits, Auger, 3/16", Pugh's.

Bits, Gimlet, 1/16", Pugh's.

Brush, Tree, Steel Wire, #160, #161, #162, Numbers taken from Henderson's Catalog.

Barrows, wheel, full bolted frame, #14.

Carpet Stretcher, No. 0, Supplee & Biddle.

Cement Jointer, No. 26, Supplee & Biddle.



Clippers, bolt, No. O, 18" long, Supplee & Biddle.

Drill, Star,  $\frac{1}{2}$ ",  $\frac{3}{4}$ ", 1".

Dibble, Brass.

Edger, Cement, No. 1, Supplee & Biddle.

Edger, Tamp, Wallingford, solid steel, No. 12 socket, 41/3 ft. handle.

Files, 14", Flat Bastard, Nicholson.

" 12" " " "

" 10" " " "

" 8" " " "

" 6" " " "

" 4" " " "

" 12" Flat Second Cut, Nicholson.

" 10" " " " "

" 8" " " " "

" 6" " " " "

" 4" " " " "

" 12" Flat Smooth, Nicholson.

" 10" " " " "

" 8" " " " "

" 6" " " " "

" 4" " " " "

" 8" Flat, Mill, Nicholson.

Files, 14", Half Round, Bastard, Nicholson.

" 12" " " " "

" 10" " " " "

" 8" " " " "

" 6" " " " "

" 4" " " " "

" 12" Mill Bastard, Nicholson.

" 10" " " " "

" 8" " " " "

" 6" " " " "

" 6" Slim Taper, Nicholson.

" 5" " " " "

" 4 $\frac{1}{2}$ " " " " "

" 4" " " " "

" 12" Half Round, Second Cut, Nicholson.

" 10" " " " " "

" 8" " " " " "

" 6" " " " " "

" 4" " " " " "

" 14" Round Bastard, Nicholson.

" 12" " " " " "

" 10" " " " "

" 8" " " " "

" 6" " " " "

" 4" " " " "

" 14" Square Bastard, Nicholson.

" 12" " " " "

" 10" " " " "

" 8" " " " "

" 6" " " " "

" 8" Round Smooth, Nicholson.

" 6" " " " "

" 4" " " " "

" 8" Square Smooth, Nicholson.

" 6" " " " "

" 4" " " " "

- " 8" Rasp, Shoe, Nicholson.
- " 14" Tanged, Heller Bros.
- " 14" " " " "Delta."
- " 6" Warding Bastard, Nicholson.
- " 4" " " " "
- " 6" Warding Smooth, Nicholson.
- " 4" " " " "

Fork Manure, 4 tine, steel, D handles.

Fork, Pitch, 3 tine, steel, 5, 6, or 7 ft. handles as ordered.

Fork, Ballast.

Fork, Spreading, Wallingford, heavy tines, XX hdl. strap ferrules, wood D hdl. hooks, length of tine 11", spread 7½".

Grass, English, Riveted back, No. 36, 12" cut, 5½" handle.

Grass, Franklin, No. 57-T, 11" cut.

Brush, Beatty's Ring Brush, No. 390, 2 rings with handle.

Hammers, Germantown Master Builder, No. 726, size 1½, S. & B.

Hammers, Germantown Master Builder, No. 727, size 1, S. & B.

Hammers, Tack, Upholsters', No. 266, Supplee & Biddle.

Hatchets, Germantown Master Builder, No. 320, 3½" cuts, S. & B.

Hatchets, Lath, No. 550, Supplee & Biddle.

#### Handles, Tool.

File Handles, Hard Wood, Brass Ferrules, 4" and 5".

Fork, Manure, 4', No. 1.

" Short, D. No. 1.

" Hay, 4', No. 1.

" Hay, 5', No. 1.

" Hay, 6', No. 1.

Hammers, Machinists, No. 1.

" Selected Hickory, "Gladiator," Supplee & Biddle.

Hatchets, Hammond, No. 41, size 2, 3½" in cut.

" Selected Hickory, "Gladiator", Supplee & Biddle.

Hoe, No. 1.

Mop, Gem, No. 11.

Pick, No. 1.

Rake, No. 1.

Scythe, Hard Wood, well finished, regular style.

Shovel, Short, No. 1.

" " for round point shovel, No. 1.

" Long " " " " No. 1.

Sledge.

#### Hoes.

Wallingford, ⅜" shanks, selected ash handles, fine polish blade, width of blade, 6", No. P-4.

Scuffle, Wallingford, 2 rivets in each arm of shank, No. R. R. S. shank pattern, blade 8" wide, 4" deep, 5 ft. handle.

Scuffle, Wallingford, 2 rivets in each arm of shank, No. R. R. S., shank pattern, blade 10" wide, 4" deep, 5 ft. handle.

(Page 1091, Supplee Catalog).

Mattock, with handles, Cronk, steel blade, Malleable eye, XXX handle, No. 2, weight 2½ lbs. 2" x 4¼", 4½ ft. handle.

Level, Metallic, No. 36, G. 24", Supplee & Biddle.

#### Lines, Garden.

60 ft., 90 ft., 120 ft.

## Machines.

Machine, Sewing, Wheeler & Wilson.

“ “ Singer.

Marker, Tennis, Dry, No. 3, Spaulding.

Mower, Lawn, Pennsylvania, High Wheel, 19”.

“ Horse, Lawn, Pennsylvania, No. 14, 4 blades, 7” cylinders, 38” cut.

## Needles.

Matress, Diamond Points, both ends, 14” long.

“ “ “ “ “ 16” “

Upholsterers’, Carpet Needles, No. 1.

“ One half circle Needles, 4”

“ “ “ “ “ 6”

“ “ “ “ “ 8”

PLIERS, 8” Side cutting, P. S. & W.

PLIERS, 6” Oblique cutting, P. S. & W.

PINCERS, 6”, No. 805, and No. 200, P. S. & W.

Picks, Contractors, No. 2032, Steel points, forge finish.

Plane, Block, No. 9½, 6” long, 1 1/5 cutter, Bailey.

“ One iron smooth, 8” long, 1¾” cutter, Bailey.

Pruner, Rhodes, double cut, wood handle, No. R. D. C., 36” length, over all 36”, hand pruner.

Pruner, Hand, genuine Henry, No. 2.

Pruner, Clyde Improved, Watter’s Pattern, No. 112, 12” lever handle.

Pruning Knife, Stag handle, 1 blade, 4¼” blade, No. 106.

## Rakes.

Rake, for Concrete work, No. 1014, Supplee & Biddle.

“ Garden, Wallingford Brand, malleable iron, braced shank, No. M116, Blue finish, 16 teeth, 6 ft. handle.

Rake, Wallingford, No. 14, L. W. 14 teeth.

Rake, Wood, Lawn, Threewood bow, No. 36XX, 24 teeth.

REAMER, Conduit, No. 9402, Manhattan Elec. Supply Co., Cat.

REELS, Garden, No. 1800, Double.

“ Hose, No. 10.

## Saws.

Saws, Hand, Disston Skew Back, No. D 100, 7, 8, and 10 points per inch, length of blade 26”.

“ Hand Rip, Disston, Skew Back, No. D 20, 7 points per inch, length of blade 26”.

“ Hand, No. 7, Disston Straight Back, Rip, 26” long, 6 points per inch.

“ Hand, No. 7, length of blade 26”, 10 points per inch.

“ Circular, Cross Cut, 14” wide, 1” hole, Disston.

“ Circular, Rip, Disston, 18”, 1” hole.

“ Blades, Coping, 6”.

“ Blades, Hack, 9” Star.

“ “ “ 10” “

“ “ “ 12” “

“ Ice, 4 ft. long, 6” wide at handle’s end.

“ Cross Cut, Disston, Triumph, perforated lance teeth, No. 523, 6 ft.

“ Pruning, Disston, Duplex, No. 4, Cast Steel, 22” cut.

“ Pruning and Chisel combined, 10 ft. handled.

“ BUCK, Disston, Plain Tooth, No. 06, Red Stained Frame.

“ (Form) Hack, 10” solid.

SCYTHE, Brush or Briar, Little Giant, 18” long, 3” wide.

“ Newton’s English, No. E, 36-36” long, width at heel 2½”.

“ Snaathe, Regular Bend, No. 50/R, medium weight.

“ Stones, swelled center, smooth finish, length 11½”, Genuine English.

SCREW DRIVER (Ratchet), No. 11, Supplee & Biddle.

" " Yankee, Spiral, 10", No. 9891, Manhattan Elec. S. Co. Cat.  
 " " Champion, 4" blade, No. 4622, " " " " "  
 " " Champion, 6" blade, No. 4624, " " " " "  
 " " 4" blade.

SHEARS, Grass, Bent Pattern, length of blade, 6", full length 12", No. S. S. 76, full polished blades.

" Border, No. 105, 2¼" wheel, Blade 9", length of handle 35".  
 " Hedge, English High Grade, Sheffield Steel, Notched blade, 12" 800—1/12.  
 " 9", No. 301, Supplee & Biddle.  
 " 8", No. 301, " " "

SQUARE, Steel, No. 100, Improved body, 24" x 2", tongue 16" x 1½", Supplee & Biddle.

#### Shovels.

Shovels, Ames, Square point, No. 0102, D handle, 26½" long.

" " Pointed, No. 0202, D handle, 26½" long.

" Furnace, 8½" wide, 12" long, D handles.

" Long handled, round pointed, good steel.

" Potato, heavy steel wire.

" Scoop, Giant, No. 5, 6, or 7, as ordered.

" Snow, Gladiator, H. B. B. 2. . .

SCRAPER, Tree, Steel, 10".

" " " 20".

" Cabinet, 3" x 5".

SYRINGES, Brass, 2 Sprays and one jet for Horticultural purposes.

SPRAYER, Sulphur, Acme, Henderson's.

SPADE, Ames, D. short handled, polished, No. 0402.

SIEVE, Galvanized, ¼" to ½" mesh, 20" in diam.

SHARPENER, Pencil, Romeo.

TROWEL, English, 100 G 6" blade.

TRAP, Mole, Olmstead, No. 45, 11½" over all, width 5", 8 prongs.

TORCH, Gasoline, No. 4711, Manhattan Elec. Supply Co., Cat.

" Alcohol, No. 4704, Manhattan Elec. Supply Co., Cat.

Trowels, bricfl, No. 25, Supplee & Biddle.

" Plastering, No. D.1, 10", Supplee & Biddle.

" Pointing, No. 17, 4", " " "

UPHOLSTERERS' Regulator, 9" long.

WRENCH, Monkey, Coes', size 8".

" " " " 12"

#### PAINTS, OILS, ETC.—H.

Abolition, cleaning powder, Abolisher Chemical Co., Buffalo, N. Y.

Asphaltum, black, Bridgeport.

Alcohol, denatured (Druggist's).

Bronze, green, in 25 lb. cans.

Bronze, powder, silver.

Bronze, aluminum, C. P. Gliddens.

Bronze, copper, C. P. Gliddens.

Bronze, gold, C. P. Gliddens.

Bronzing liquid, C. P. Gliddens.

Blue, Prussian in oil, J. T. Lewis, 1st grade.

Blue, ultramarine, in oil, J. T. Lewis, 1st grade.

Blue, Prussian, dry, J. T. Lewis, 1st grade.

Blue, ultramarine, dry, J. T. Lewis, 1st grade.

Black, lamp, in oil, J. T. Lewis, 1st grade.

Black, drop, in oil, J. T. Lewis, 1st grade.  
Black, lamp, dry, J. T. Lewis, 1st grade.  
Brown, Prince's metallic, in oil, double label (Princess Mfg. Co.).  
Brown, VanDyke, in 1 lb. cans.  
Brushes, wall, 6" wide, Hooper & Co., Trenton, N. J.  
Brushes, 8/0, white bristle, Hooper & Co., Trenton, N. J.  
Brushes, 2" XXX Perfection, Hooper & Co., Trenton, N. J.  
Brushes, 1" Dewey, Hooper & Co., Trenton, N. J.  
Brushes,  $\frac{3}{4}$ " Dewey, Hooper & Co., Trenton, N. J.  
Brushes, Stippling,  $3\frac{1}{2}$ " x 9", Lucas & Co.  
Brushes, Floor waxing, 25 lbs. 10" x 5", Lucas & Co.  
Brushes, Calcimine, 8" wide, Lucas & Co.  
Cement coating, white, Bay State.  
Cement, waterproofing Driwal, Billings, Chapin Co.  
Cement waterproofing Transparent, Billings, Chapin Co.  
Cement waterproofing, floor, Saums N. S. Staple.  
Concreto, light gray.  
Cooper acetate, C. P. (Druggist.)  
Color, Spar, Glidden's Endurance.  
Creosote stain, Cabots.  
Caulking cement, Hetzel's.  
Cutters, glass, "Red Devil," Smith & Hemenway Co.  
Dryer, Cleveland Japan, in 1 gal. cans.  
Dryer, Turpentine Japan, Cleveland Varnish Co.  
Dusters, painter's Champion No. 7, E. F. Hooper & Co., Trenton, N. J.  
Filler, wood, Wheeler's Paste & Liquid, Bridgeport.  
Green, chrome, in oil, J. T. Lewis, 1st grade.  
Knives, putty, J. Russell, Green River Works.  
Keystone, No. 2, in 1 gal. cans.  
Keystone, gloss, No. 100, in 1 gal. cans.  
Lead, white, 92% lead, 8% linseed oil, National Lead Co.  
Lead, red, pure dry, National Lead Co.  
Ladder jacks, Bodell, Tilley & Co.  
Ladders, in 6 ft. sections, thumb screw connections, Tilley & Co.  
Litharge (plumbing supply).  
Oil, linseed, pure, J. T. Lewis.  
Oil, boiled, pure, J. T. Lewis.  
Oil, floor, Vacuum Oil Co.  
Oil, lard (plumbing supply).  
Oil, kerosene.  
Oil, 20th Century.  
Oil, neats foot.  
Oil, harness.  
Oil, Mobiloil, Va. "A."  
Oil, Renown engine.  
Oil, Ruddy harvester.  
Oil, Separator Sharpless.  
Oil, Invader, medium D.  
Oil, Invader, light D.  
Ochre, Golden, in 25 lb. cans.  
Ochre, French yellow in oil, J. T. Lewis, 1st grade.  
Putty, pure linseed, yellow label, Felton Sibley, Philadelphia.  
Paint burner, hot blast, Ashton Mfg. Co.  
Paint, carriage, Satin finish, Masury, New York.  
Paint, flat wall, Keystona.  
Polish, furniture, Van C. yellow rose, Van Camp Co.  
Paint, cold water.



Paint, Protox, black.  
 Permanent Red, in 1 lb. cans.  
 Red Venetian (English) in oil, J. T. Lewis, 1st grade.  
 Red Venetian, dry, J. T. Lewis, 1st grade.  
 Rose Pink, in oil, J. T. Lewis, 1st grade.  
 Red, carmine, in oil, J. T. Lewis, 1st grade.  
 Red Vermillion, in oil, J. T. Lewis, 1st grade.  
 Red Vermillion, dry, J. T. Lewis, 1st grade.  
 Shellac, orange, Rogers-Pratt & Co.  
 Shellac, white, Rogers-Pratt & Co.  
 Sienna (Italian) burnt, in oil, J. T. Lewis, 1st grade.  
 Sienna (Italian) raw, in oil, J. T. Lewis, 1st grade.  
 Sienna, burnt, dry, J. T. Lewis, 1st grade.  
 Sienna, raw, dry, J. T. Lewis, 1st grade.  
 Sienna, raw, in 2-lb. cans.  
 Sandpaper, Knickerbocker, No. 0,  $\frac{1}{2}$ , 1,  $1\frac{1}{2}$ , 2,  $2\frac{1}{2}$ .  
 Spirits, Petroleum (Turpentine Substitute) Est. 50 gals. to bbl. Stain, Bridgeport.  
 English oak, in 1-qt. cans.  
 Light oak, in 1-qt. cans.  
 Mahogany, dark, in 1-qt. cans.  
 Mahogany, primer, in 1-qt. cans.  
 Mission, in 1-qt. cans.  
 Turpentine, pure spirits, Dunlap & Slack.  
 Umber, raw, in 2-lb. cans.  
 Umber, (Turkey) burnt, in oil, J. T. Lewis, 1st grade.  
 Umber, (Turkey) raw, in oil, J. T. Lewis, 1st grade.  
 Umber, burnt, dry, J. T. Lewis, 1st grade.  
 Umber, raw, dry, J. T. Lewis, 1st grade.  
 Varnish, Keystona waterproof.  
 Varnish, floor, Supremis, Chicago Varnish Co.

#### PLUMBING, STEAMFITTING, ETC.—I.

##### Plumbing Supplies.

##### Bibb Cocks, Brass, Compression I. P. Threads

Bibbs,  $\frac{1}{2}$ ", plain ends, Haines, Jones & Cadbury.  
 Bibbs,  $\frac{5}{8}$ " " " " "  
 Bibbs,  $\frac{3}{4}$ " " " " "  
 Bibbs, 1" " " " "

Bibbs, hoses, plain ends,  $\frac{1}{2}$ ".  
 Bibbs,  $\frac{5}{8}$ " hose, plain ends.  
 Bibbs,  $\frac{3}{4}$ " hose, plain ends.  
 Bibbs, 1" hose, plain ends.  
 Bibbs,  $\frac{1}{2}$ ", flanged, male threads.  
 Bibbs,  $\frac{5}{8}$ ", flanged, male threads.  
 Bibbs,  $\frac{3}{4}$ ", flanged, male threads.  
 Bibbs, 1", flanged, male threads.  
 Bibbs,  $\frac{1}{2}$ ", flanged, female threads.  
 Bibbs,  $\frac{5}{8}$ ", flanged, female threads.  
 Bibbs,  $\frac{3}{4}$ ", flanged, female threads.  
 Bibbs, 1", flanged, female threads.

Brass rod,  $\frac{1}{4}$ ", flush ball shaft.

Balls, rubber, "Magrom" for flush tanks,  $2\frac{1}{2}$ ".

Balls, rubber, " " " " 2".

Balls, rubber, " " " " 3".

Balls,  $\frac{3}{8}$ " Fuller, Whitehead Rubber Co.

Balls,  $\frac{1}{2}$ " Fuller, " " "

Balls,  $\frac{5}{8}$ " Fuller, " " "

Balls,  $\frac{3}{4}$ " Fuller, " " "

Bends, lead, 3"—10" x 10".

Bends, lead, 4"—6" x 12".

Bends,  $\frac{1}{8}$ " soil pipe, medium, 2".

Bends,  $\frac{1}{8}$ " soil pipe, medium, 4".

Bends,  $\frac{1}{4}$ " soil pipe, medium, 2".

Bends,  $\frac{1}{4}$ " soil pipe, medium, 4".

Bends, short sweep, soil pipe, medium, 2".

Bends, short sweep, soil pipe, medium, 4".

Bends,  $\frac{1}{8}$ ", Terra Cotta, first quality, 4".

Bends,  $\frac{1}{8}$ ", Terra Cotta, first quality, 6".

#### Bushings.

$\frac{3}{8}$ " x $\frac{1}{2}$ ".	1" x $1\frac{1}{4}$ ".	1" x $2\frac{1}{2}$ ".
$\frac{1}{2}$ " x $\frac{3}{4}$ ".	1" x $1\frac{1}{2}$ ".	$1\frac{1}{4}$ " x $1\frac{1}{2}$ ".
$\frac{1}{2}$ " x 1".	1" x 2".	$1\frac{1}{2}$ " x 2"
$\frac{3}{4}$ " x 1".		

#### Bushings (Electrical Work)

T. B. Type  $\frac{1}{2}$ ". T. B. Type  $\frac{3}{4}$ ". T. B. Type 1".

Chain pull (for high tanks), extra heavy nickel plated, brass.

Chain, standard weight, for high tanks, Haines, Jones & Cadbury.

Caps, Fuller, brass,  $\frac{3}{8}$ ", Haines, Jones & Cadbury.

Caps, Fuller, brass,  $\frac{1}{2}$ ", " " "

Caps, Fuller, brass,  $\frac{5}{8}$ ", " " "

Chains, Jack, No. 8, 6 yds. to pkg.

Chains, Plumber's nickel plated, No. 3, 8 yds. to pkg.

Cloth, strainer, brass, 50 mesh, 12" x 9".

Coil, cage for plumber's gasoline torch.

Charcoal.

Closet cleaner, 36", Empire Mfg. Co.

Cocks,  $\frac{3}{8}$ ", Lever handle, stop & waste, Haines, Jones & Cadbury.

Cocks,  $\frac{1}{2}$ ", " " " " " " "

Cocks,  $\frac{3}{8}$ ", T head, stop & waste, Trenton Brass & Mach. Co.

Cocks,  $\frac{1}{2}$ ", T " " " " " "

Cocks,  $\frac{3}{4}$ " T " " " " " "

Cocks, 1", T " " " " " "

Cocks,  $\frac{3}{8}$ ", square head, stop & waste, Trenton Brass & Mach. Co.

Cocks,  $\frac{1}{2}$ ", " " " " " " "

Cocks,  $\frac{1}{4}$ ", compression, nickel plated, basin, cross handle.

Cocks, ball,  $\frac{3}{8}$ " top supply, "Success."

Cocks, ball,  $\frac{3}{8}$ " bottom supply, "Success."

Cocks, air, T handle,  $\frac{1}{4}$ " Haines, Jones & Cadbury.

Copper floats, 4", "Pioneer Solderless."

Copper floats, 5", " "

Copper floats, 6", " "

Copper resealing tube,  $\frac{1}{4}$ ".

Copper sheet, 16 oz.,  $2\frac{1}{2}$  ft. x 8 ft.

Closet flange, "Adjusto," J. L. Mott Iron Works.

Clamps, hose,  $\frac{3}{4}$ ", 3 ply.

Clamps, hose,  $\frac{1}{2}$ ", 3 ply.

Clamps, hose, 1", 4 ply.

Couplings, hose,  $\frac{1}{2}$ ", iron pipe thread.

Couplings, hose,  $\frac{3}{4}$ ", " " "

Couplings, hose, 1", iron pipe thread.

Couplings, hose,  $1\frac{1}{4}$ ", iron pipe thread.

#### Couplings, galvanized, beaded

$\frac{1}{4}$ ",  $\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{3}{4}$ ", 1",  $1\frac{1}{4}$ ",  $1\frac{1}{2}$ ".

Couplings, hose,  $\frac{1}{2}$ ", iron pipe thread.

Couplings, hose,  $\frac{3}{4}$ ", " " "

Crosses, Railing, 2".

Crosses, Railing,  $1\frac{1}{2}$ ".

Crosses, "  $1\frac{1}{4}$ ".

Crosses, " 2" side outlet.

Crosses, "  $1\frac{1}{2}$ " " "

Crosses, "  $1\frac{1}{4}$ " " "

Diaphragms, rubber, 8".

Diaphragms, rubber, 9".

Discs, valve, Jenkins Bros.,  $\frac{3}{8}$ ".

Discs, valve, Jenkins Bros.,  $\frac{1}{2}$ ".

Discs, valve, Jenkins Bros.,  $\frac{3}{4}$ ".

Discs, valve, Jenkins Bros., 1".

Discs, valve, Jenkins Bros., soft for cold water,  $\frac{1}{2}$ ".

Discs, valve, Jenkins Bros., soft for cold water,  $\frac{3}{4}$ ".

Discs, valve, Jenkins Bros., soft for cold water, 1".

Discs, valve, Jenkins Bros., soft for cold water,  $1\frac{1}{4}$ ".

Discs, valve, Jenkins Bros., soft for cold water,  $1\frac{1}{2}$ ".

Ells, rubber,  $1\frac{1}{4}$ ", "Ricketts."

Ells, rubber,  $1\frac{1}{2}$ ", " "

Ells, cast, 45° beaded.

$\frac{3}{8}$ ",  $\frac{1}{2}$ ",  $\frac{3}{4}$ ", 1",  $1\frac{1}{4}$ ",  $1\frac{1}{2}$ ", 2".

Ells, galvanized, 45° beaded.

$\frac{1}{2}$ ",  $\frac{3}{4}$ ", 1",  $1\frac{1}{4}$ ",  $1\frac{1}{2}$ ",  $2\frac{1}{2}$ ".

Ells, galvanized, service.

$\frac{3}{4}$ ", 1",  $1\frac{1}{4}$ ".

Extension pieces, galvanized.

$\frac{3}{8}$ ",  $\frac{3}{8}$ " x  $\frac{1}{2}$ ",  $\frac{1}{2}$ ",  $\frac{1}{2}$ " x  $\frac{3}{4}$ ",  $\frac{3}{4}$ ".

Ells, galvanized.

2".  $1\frac{1}{2}$ " x  $1\frac{1}{4}$ ".  $1\frac{1}{4}$ " x  $\frac{3}{4}$ ".

2" x  $1\frac{1}{2}$ ".  $1\frac{1}{2}$ " x 1". 1".

2" x  $1\frac{1}{4}$ ".  $1\frac{1}{4}$ ". 1" x  $\frac{3}{4}$ ".

$1\frac{1}{2}$ ".  $1\frac{1}{4}$ " x 1".  $\frac{3}{4}$ ".

Ells, plain, malleable, galvanized.

$\frac{3}{4}$ " x  $\frac{1}{2}$ ".  $\frac{1}{2}$ ".  $\frac{3}{8}$ ".

$\frac{3}{4}$ " x  $\frac{3}{8}$ ".  $\frac{1}{2}$ " x  $\frac{3}{8}$ ".

Ells, Drainage, long turn, 90° and 45°, galvanized.

4", 3",  $2\frac{1}{2}$ ", 2",  $1\frac{1}{2}$ ".

Ells, Railing, galvanized malleable.

2"  $1\frac{1}{4}$ "  $1\frac{1}{2}$ " " "

$1\frac{1}{2}$ " 2" Side outlet.  $1\frac{1}{4}$ " " "

Caps, malleable, galvanized.

2",  $1\frac{1}{2}$ ",  $1\frac{1}{4}$ ", 1",  $\frac{3}{4}$ ",  $\frac{1}{2}$ ",  $\frac{3}{8}$ ".

Coppers, soldering, 2 lbs. to pair.

Coppers, soldering, 3 lbs. to pair.

Coppers, soldering, 4 lbs. to pair.

Faues, basin, "No-ti," Glauber Automatic, N. P.  $\frac{1}{4}$ ".

Faucets, basin, nickel plated, cross handle, ground joint couplings, H. J. C.

Furnace, plumbers' "Reliable."

Furnace top, complete, "Reliable."

Furnace, bulbs, "Reliable."

Ferrules, brass, wiping, 4" extra heavy, "Regulation."

Ferrules, " " 3" " " "

Ferrules, " " 2" " " "

Ferrules, " "  $1\frac{1}{2}$ " " " "

Ferrules, " " 2" " " "

Ferrules, " "  $1\frac{1}{2}$ " " " "

Floor plates, split, nickel plated.

$\frac{1}{2}$ ",  $\frac{3}{4}$ ", 1",  $1\frac{1}{4}$ ",  $1\frac{1}{2}$ ".

Floor Plates, Railing.

2",  $1\frac{1}{2}$ ",  $1\frac{1}{4}$ ".

Gauge Glasses.

$\frac{5}{8}$ " x 12",  $\frac{3}{4}$ " x 12".

Joint, insertable, soil pipe, medium 4".

Lead, caulking, in small chunks, estimated  $3\frac{1}{2}$  lbs.

Lead, caulking.

Lead, 4", bends, Haines, Jones & Cadbury.

Lead, 2" traps, with cleanout, H. J. & C.

Lead,  $1\frac{1}{2}$ " traps, with cleanout, H. J. & C.

Nuts, lock, galvanized.

Nuts, lock, galvanized, 1".

Nuts, square, tapped, cold punched, chamfered and trimmed (Blacksmith materials.)

$\frac{1}{4}$ ",  $5/16$ ",  $\frac{3}{8}$ ",  $7/16$ ",  $\frac{1}{2}$ ",  $\frac{5}{8}$ ",  $\frac{3}{4}$ ".

Nuts, steel lock.

$\frac{1}{2}$ ",  $\frac{3}{4}$ " 1",  $1\frac{1}{2}$ "

Oakum rope.

Plugs, cast iron, galvanized.

4"	$1\frac{1}{2}$ "	$\frac{1}{2}$ "
3"	$1\frac{1}{4}$ "	$\frac{3}{8}$ "
$2\frac{1}{2}$ "	1"	$\frac{1}{4}$ "
2"	$\frac{3}{4}$ "	

Plugs, Hubbel, separable with porcelain caps, No. 5406-A (for electrical work.)

#### Flush Pipe.

$1\frac{1}{4}$ " straight, extra heavy, nickel plated, flush pipes.

$1\frac{1}{2}$ " " " " " " " "

$1\frac{1}{2}$ " 2" offset " " " " " "

Pipe, lead, 4" D weight, Haines, Jones, & Cadbury.

Pipe, lead, 2" D weight, " " "

Pipe, lead,  $1\frac{1}{2}$ " D weight. " " "

Pipe, brass, iron pipe size, nickel plated, H. J. & Co.

$\frac{1}{4}$ "  $\frac{3}{8}$ "  $\frac{1}{2}$ "

Pipe, galvanized, National Tube Co. Briggs standard weight and thread.

$\frac{3}{8}$ " 2" Pipe, black, 1"

$\frac{1}{2}$ "  $2\frac{1}{2}$ " " "  $1\frac{1}{4}$ "

$\frac{3}{4}$ " 3" " "  $1\frac{1}{2}$ "

1" 4" " " 2"

$1\frac{1}{4}$ "

$1\frac{1}{2}$ "

Pipe, terra cotta, hub and spigot, 4" 1st quality, 2 ft. lengths.

Pipe, " " " " 6" " " 2 ft. "

Pipe, Soil; Standard, medium or extra heavy as ordered. The medium weight commonly used should weigh not less than:

4 lbs. per ft. for 2" soil pipe.

6 lbs. per ft. for 3" soil pipe.

9 lbs. per ft. for 4" soil pipe.

12 lbs. per ft. for 5" soil pipe.

15 lbs. per ft. for 6" soil pipe.

2" S. H. Soil pipe, "Krupp"	4" D. H. Soil Pipe, "Krupp"
2" D. H. " " "	5" S. H. " " "
3" S. H. " " "	5" D. H. " " "
3" D. H. " " "	6" S. H. " " "
4" S. H. " " "	

2" $\frac{1}{4}$ bends, soil pipe "Krupp"	4" 1/16 bends, Soil Pipe, "Krupp"
2" $\frac{1}{8}$ bends, " " "	5" $\frac{1}{4}$ bends, " " "
2" 1/16 bends, " " "	5" $\frac{1}{8}$ bends, " " "
3" $\frac{1}{4}$ bends, " " "	5" 1/16 bends, " " "
3" $\frac{1}{8}$ bends, " " "	6" $\frac{1}{4}$ bends, " " "
3" 1/16 bends, " " "	6" $\frac{1}{8}$ bends, " " "
4" $\frac{1}{4}$ bends, " " "	6" 1/16 bends, " " "
4" $\frac{1}{8}$ bends, " " "	
4" Crosses T Soil Pipe, Krupp.	4" x 3" Y " " "
2" Y Soil Pipe " "	5" Y " " "
3" Y " " "	5" x 4" Y " " "
3" x 2" Y Soil Pipe " "	6" Y " " "
4" Y " " "	6" x 4" Y " " "

2" Comb. Y and  $\frac{1}{8}$  bend, soil pipe, Krupp.

3" " " " " " " " "

4" " " " " " " " "

5" " " " " " " " "

6" " " " " " " " "

2" D. H. fitting soil pipe "

3" " " " " " " "

4" " " " " " " "

5" " " " " " " "

6" " " " " " " "

4" Return bends, soil pipe "

2" Sisson joints " " "

3" " " " " " "

4" " " " " " "

4" Running trap, two cleanouts, S. pipe, Krupp.

5" " " " " " " "

6" " " " " " " "

1 $\frac{1}{2}$ " S. trap cleanouts, S pipe "

2" Half S. trap cleanouts, S. pipe

2" S trap " " "

2" Bell trap, floor drains, S. pipe " "

3" Bell trap, floor drains, S. pipe "

2" Brass cleanouts. 5" Brass cleanouts.

3" Brass cleanouts. 6" Brass cleanouts.

4" Brass cleanouts.

Plunger, Plumber's friend.

Packing, Eureka, Steam  $\frac{1}{2}$ ".

Packing, Rainbow, sheet rubber, 30" x 30" x  $\frac{1}{8}$ ".

Packing, square flax,  $\frac{5}{8}$ ".

Pet cocks, brass,  $\frac{1}{8}$ ".

Pet cocks, brass,  $\frac{1}{4}$ ".

Pet cocks, brass,  $\frac{3}{8}$ ".

Pipe covering, air cell, with brass lacquered bands  $\frac{3}{4}$ ".

Pipe covering, air cell, with brass lacquered bands, 1".

Pipe covering, air cell, with brass lacquered bands, 1 $\frac{1}{4}$ ".

Pipe covering, air cell, with brass lacquered bands, 1 $\frac{1}{2}$ ".

Pipe covering, air cell, with brass lacquered bands, 2".

Pipe covering air cell, with brass lacquered bands, 2 $\frac{1}{2}$ ".

Pipe covering, air cell, with brass lacquered bands, 3".

Reducers, malleable, galvanized.

2" x 1 $\frac{1}{2}$ ". 1 $\frac{1}{2}$ " x 1"

2" x 1 $\frac{1}{4}$ ". 1 $\frac{1}{2}$ " x  $\frac{3}{4}$ "

2" x 1". 1 $\frac{1}{4}$ " x 1"

1 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ ". 1 $\frac{1}{4}$ " x  $\frac{3}{4}$ "

1" x  $\frac{3}{4}$ "

$\frac{3}{4}$ " x  $\frac{1}{2}$ "

$\frac{1}{2}$ " x  $\frac{3}{8}$ "



$\frac{3}{8}$ " x  $\frac{1}{4}$ " nickel plated.

Reducers, soil pipe, medium, 4" x 2".

Rosin.

Stopper, basin, 1 $\frac{1}{4}$ ", 1 $\frac{1}{2}$ ".

Screw Anchors, No. 14, "Star Expansion."

Sink strainers, 5" galvanized.

Solder, half and half, Hunt Mfg. Co.

Solder, wiping, Hunt Mfg. Co.

### Long Screws, Galvanized.

$\frac{3}{4}$ " x 5", 1" x 6", 1 $\frac{1}{4}$ " x 6".

Screws for faucets, brass bottoms (assorted).

Sal ammoniac.

Solder, wire strictly  $\frac{1}{2}$  x  $\frac{1}{2}$ , No. 460061 (electrical supplies).

Soldering paste, No. 460019.

Sleeves, solid pipe, medium, 4".

Stems for key  $\frac{3}{4}$ " compression faucet.

Stems for  $\frac{1}{2}$ " compression faucet.

Strap for Warnock N. P. wrench.

Tees, galvanized.

2"	2" x 1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " x 2"
2" x 2" x 1 $\frac{1}{2}$ "	2" x 1 $\frac{1}{4}$ " x 1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ "
2" x 2" x 1 $\frac{1}{4}$ "	2" x 1" x 1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ "
2" x 2" x 1"	2' x $\frac{3}{4}$ " x 1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " x 1"
2" x 2" x $\frac{3}{4}$ "	2" x $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " x $\frac{3}{4}$ "
2" x 2" x $\frac{1}{2}$ "	2" x 1 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ "	1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " x $\frac{1}{2}$ "
2" x 1 $\frac{1}{2}$ " x 2"	2" x 1 $\frac{1}{2}$ " x 1"	1 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ " x 1 $\frac{1}{2}$ "
2" x 1 $\frac{1}{4}$ " x 2"	2" x 1 $\frac{1}{2}$ " x $\frac{3}{4}$ "	1 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ " x 1 $\frac{1}{4}$ "
2" x 1" x 2"	2" x $\frac{1}{2}$ " x $\frac{1}{2}$ "	1 $\frac{1}{2}$ " x 1" x 1"
2" x $\frac{3}{4}$ " x 2"		

Tees, plain, malleable, galvanized.

1 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ " x $\frac{3}{4}$ "	1 $\frac{1}{4}$ " x 1" x 1"	1" x $\frac{3}{4}$ " x 1"
1 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ " x $\frac{1}{2}$ "	1 $\frac{1}{4}$ " x 1" x $\frac{3}{4}$ "	1" x $\frac{1}{2}$ " x 1"
1 $\frac{1}{2}$ " x $\frac{3}{4}$ " x 1 $\frac{1}{4}$ "	1 $\frac{1}{4}$ " x 1" x $\frac{1}{2}$ "	1" x $\frac{3}{4}$ " x $\frac{3}{4}$ "
1 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ " x 1"	1 $\frac{1}{4}$ " x $\frac{3}{4}$ " x 1"	1" x $\frac{3}{4}$ " x $\frac{1}{2}$ "
1 $\frac{1}{2}$ " x $\frac{1}{2}$ " x 1 $\frac{1}{4}$ "	1 $\frac{1}{4}$ " x $\frac{1}{2}$ " x 1"	1" x $\frac{1}{2}$ " x $\frac{3}{4}$ "
1 $\frac{1}{4}$ " x 1 $\frac{1}{4}$ " x 2"	1 $\frac{1}{4}$ " x $\frac{3}{4}$ " x $\frac{3}{4}$ "	1" x $\frac{1}{2}$ " x $\frac{1}{2}$ "
1 $\frac{1}{4}$ " x 1 $\frac{1}{4}$ " x 1 $\frac{1}{2}$ "	1 $\frac{1}{4}$ " x $\frac{1}{2}$ " x $\frac{3}{4}$ "	$\frac{3}{4}$ " x $\frac{3}{4}$ " x 1"
1 $\frac{1}{4}$ "	1 $\frac{1}{4}$ " x $\frac{3}{4}$ " x $\frac{1}{2}$ "	$\frac{3}{4}$ " x $\frac{3}{4}$ " x $\frac{1}{2}$ "
1 $\frac{1}{4}$ " x 1 $\frac{1}{4}$ " x 1"	1" x 1" x 1 $\frac{1}{2}$ "	$\frac{3}{4}$ " x $\frac{1}{2}$ " x $\frac{3}{4}$ "
1 $\frac{1}{4}$ " x 1 $\frac{1}{4}$ " x $\frac{3}{4}$ "	1" x 1" x 1 $\frac{1}{4}$ "	$\frac{1}{2}$ " x $\frac{1}{2}$ " x $\frac{3}{4}$ "
1 $\frac{1}{4}$ " x 1 $\frac{1}{4}$ " x $\frac{1}{2}$ "	1"	$\frac{1}{2}$ "
1 $\frac{1}{4}$ " x 1" x 1 $\frac{1}{4}$ "	1" x 1" x $\frac{3}{4}$ "	$\frac{1}{2}$ " x $\frac{1}{2}$ " x $\frac{3}{8}$ "
1 $\frac{1}{4}$ " x $\frac{3}{4}$ " x 1 $\frac{1}{4}$ "	1" x 1" x $\frac{1}{2}$ "	$\frac{1}{2}$ " x $\frac{3}{8}$ " x $\frac{1}{2}$ "
1 $\frac{1}{4}$ " x $\frac{1}{2}$ " x 1 $\frac{1}{4}$ "		

Tees, railing, galvanized, malleable.

2"	1 $\frac{1}{4}$ "	1 $\frac{1}{2}$ " side outlet.
1 $\frac{1}{2}$ "	2", side outlet.	1 $\frac{1}{4}$ " side outlet.

Tees, cast iron, black.

$\frac{1}{4}$ "	$\frac{3}{4}$ "	1 $\frac{1}{2}$ "
$\frac{3}{8}$ "	1"	2"
$\frac{1}{2}$ "	1 $\frac{1}{4}$ "	

Tees, extra heavy, sanitary.

2"	4"
----	----

Tees, terra cotta fittings.

4"	6"	4" x 6"
----	----	---------

Traps, running, Terra Cotta, 4".

Traps, running, Terra Cotta, 6".

Traps, Benner, bath, N. P. lid, 1½".

Traps, lead, P. 1½" short.

Traps, lead, S. 1½" short.

Traps, lead, S. 1½" long.

Torch, gasoline blow, "Detroit" or "Turner."

Unions, galvanized, washer pattern.

2"	1"	½"
----	----	----

1½"	¾"	¾"
-----	----	----

1¼"		
-----	--	--

⅝" all brass, nickel plated.

¼" " " " "

Unions, galvanized, kewanee.

¾"	1¼"	2"
----	-----	----

1"	1½"	2½"
----	-----	-----

Unions, galvanized.

¼"	1"	1½"
----	----	-----

⅝"	1¼"	2"
----	-----	----

½"		
----	--	--

Valves, Syphon, tinned body, copper cover.

Valves, automatic air (National Steam Specialty Co.).

Valves, brass, horizontal check, Jenkins Bros. ½".

Valves, brass, horizontal check, Jenkins Bros. ¾".

Valves, Globe, Jenkins Bros. ½".

Valves, Globe, Jenkins Bros. ¾".

Valves, Globe, Jenkins Bros. 1".

Valves, Globe, Jenkins Bros. 1¼".

Valves, Globe, Jenkins Bros. 1½".

Washers, brass, oval, for closet bolts.

Washers, fibre, ⅝" bibb, "Boss."

Washers, fibre, ½" bibb, "Boss."

Washers, fibre, ⅝" bibb, "Boss."

Washers, fibre, ¾" bibb, "Boss."

Washers, fibre, 1" bibb, "Boss."

Washers, fibre, ⅝" "Success" ball cock.

Washers, standing waste, 1½".

Washers, standing waste, 1¼".

Washers, feather edge, Syphon valve, 1½".

Washers, feather edge, Syphon valve, 1¼".

Washers, adjustable, coil axle, for 1" axle (Blacksmith supplies).

Washers cup, rubber, for flush tank, size 2⅝" x 2⅝" dia.

Washers, for Crown self-closing faucet, ½".

Washers, Feather edge, flush tank, 1¼".

Washers, flush tank, round, 1¼".

Washers, flush tank, square, 1¼"

Washers, glass gauge, ⅝".

Washers, glass gauge, ¾".

Washers for Murdock hydrant, sets.

Washers for stand, waste, bath tub.

Washers, tap, ½".

Washers, tap, ⅝".

Washers, taps, ¾".

Washers, iron (Blacksmith's materials.).

⅛"	5/16"	½"
----	-------	----

3/16"	¾"	⅝"
-------	----	----

Tees, soil pipe, extra heavy, sanitary.

2"	4"	
$\frac{1}{4}$ "	7/16"	$\frac{3}{4}$ "

Washers, lock,  $\frac{1}{4}$ " x  $\frac{1}{2}$ ".

Wheel for Saunder's pipe cutter, No. 4.

Wheel for Trimo pipe cutter, No. 2.

Wire, brass,  $\frac{1}{8}$ " dia.

Wire, brass, 3/16 dia.

Wire, copper, gauze, 12" x 60", 40 mesh.

Drainage Y Branches, long turn, 90° and 45°.

4"	4" x 3"	3" x 1½"
3"	4" x 2"	2½" x 2"
2½"	4" x 1½"	2½" x 1½"
2"	3" x 2½"	2" x 1½"
1½"	3" x 2"	

Ys Terra Cotta fittings, 4".

Ys Terra Cotta fittings, 6".

Ys Terra Cotta fittings, 6" x 4".

#### PLUMBING, STEAMFITTING, ETC.—J.

Wrenches, Monkey, "Coes" Iron Handle, 8".

" " " " " 10".

" " " " " 12".

" "Engineers' Favorite, 15" Sockets, Square & Hexagon.

" " " 28" " " " "

" Ratchet Reversible, "Monarch," Square shank.

" " " " Taper "

#### Steamfitting Supplies.

	Bolts, Sq. Heads & Nuts,	Buffalo Bolt Co.
$\frac{1}{4}$ " x $\frac{3}{4}$ "	" " " " "	" " "
$\frac{1}{4}$ " x 1"	" " " " "	" " "
$\frac{1}{4}$ " x 1½"	" " " " "	" " "
$\frac{1}{4}$ " x 1½"	" " " " "	" " "
$\frac{1}{4}$ " x 2"	" " " " "	" " "
$\frac{1}{4}$ " x 2½"	" " " " "	" " "
$\frac{1}{4}$ " x 3"	" " " " "	" " "
$\frac{1}{4}$ " x 4"	" " " " "	" " "
5/16 x $\frac{3}{4}$ "	" " " " "	" " "
5/16" x 1"	" " " " "	" " "
5/16" x 1¼"	" " " " "	" " "
5/16 x 1½"	" " " " "	" " "
5/16" x 2"	" " " " "	" " "
5/16" x 2½"	" " " " "	" " "
5/16 x 3"	" " " " "	" " "
5/16" x 3½"	" " " " "	" " "
5/16" x 4"	" " " " "	" " "
$\frac{3}{8}$ " x 1"	" " " " "	" " "
$\frac{3}{8}$ " x 1¼"	" " " " "	" " "
$\frac{3}{8}$ " x 1½"	" " " " "	" " "
$\frac{3}{8}$ " x 2"	" " " " "	" " "
$\frac{3}{8}$ " x 2½"	" " " " "	" " "
$\frac{3}{8}$ " x 3"	" " " " "	" " "
$\frac{3}{8}$ " x 4"	" " " " "	" " "
$\frac{1}{2}$ " x 1"	" " " " "	" " "
$\frac{1}{2}$ " x 1½"	" " " " "	" " "
$\frac{1}{2}$ " x 2"	" " " " "	" " "
$\frac{1}{2}$ " x 2½"	" " " " "	" " "

$\frac{1}{2}$ " x 3"	Bolts, Sq. Heads & Nuts,	Buffalo Bolt Co.
$\frac{1}{2}$ " x 3 $\frac{1}{2}$ "	" " " " "	" " "
$\frac{1}{2}$ " x 4"	" " " " "	" " "
$\frac{1}{2}$ " x 4 $\frac{1}{2}$ "	" " " " "	" " "
$\frac{1}{2}$ " x 5"	" " " " "	" " "
$\frac{1}{2}$ " x 6"	" " " " "	" " "
$\frac{1}{2}$ " x 6 $\frac{1}{2}$ "	" " " " "	" " "
$\frac{3}{8}$ " x 4 $\frac{1}{2}$ "	Bolts, Machine Hex Heads & Nuts,	Hooper & Townsend.
$\frac{1}{2}$ " x 2"	" " " " "	" " "
$\frac{1}{2}$ " x 2 $\frac{1}{2}$ "	" " " " "	" " "
$\frac{1}{2}$ " x 3"	" " " " "	" " "
$\frac{1}{2}$ " x 5"	" " " " "	" " "
$\frac{5}{8}$ " x 2 $\frac{1}{2}$ "	" " " " "	" " "
$\frac{5}{8}$ " x 3"	" " " " "	" " "
$\frac{5}{8}$ " x 3 $\frac{1}{2}$ "	" " " " "	" " "
$\frac{5}{8}$ " x 4"	" " " " "	" " "
$\frac{3}{4}$ " x 3 $\frac{1}{2}$ "	" " " " "	" " "
$\frac{3}{4}$ " x 4"	" " " " "	" " "
$\frac{7}{8}$ " x 4"	" " " " "	" " "
$\frac{7}{8}$ " x 4 $\frac{1}{2}$ "	" " " " "	" " "
$\frac{7}{8}$ " x 5"	" " " " "	" " "
1" x 5 $\frac{1}{2}$ "	" " " " "	" " "
1" x 6"	" " " " "	" " "
1 $\frac{1}{8}$ " x 5 $\frac{1}{2}$ "	" " " " "	" " "
3/16" x $\frac{5}{8}$ "	Bolts, stove, Round Head, American Screw Co. cut thread.	
3/16" x 1"	" " " " "	" " "
3/16" x 2"	" " " " "	" " "
3/16" x 1"	Bolts, stove, Flat Head	" " "
3/16" x 2"	" " " " "	" " "
$\frac{1}{4}$ " x $\frac{3}{4}$ "	" " " " "	" " "
$\frac{1}{4}$ " x 1"	" " " " "	" " "
$\frac{1}{4}$ " x 1 $\frac{1}{4}$ "	" " " " "	" " "
$\frac{1}{4}$ " x 1 $\frac{1}{2}$ "	" " " " "	" " "
$\frac{1}{4}$ " x 2"	" " " " "	" " "
$\frac{1}{4}$ " x 3"	" " " " "	" " "
$\frac{1}{4}$ " x 4"	" " " " "	" " "
$\frac{1}{4}$ " x $\frac{3}{4}$ "	Bolts, stove, Round Head,	" " "
$\frac{1}{4}$ " x 1"	" " " " "	" " "
$\frac{1}{4}$ " x 1 $\frac{1}{2}$ "	" " " " "	" " "
$\frac{1}{4}$ " x 2"	" " " " "	" " "
5/16" x 1"	Bolts, stove, Flat Head	" " "
5/16" x 1 $\frac{1}{4}$ "	" " " " "	" " "
5/16" x 2"	" " " " "	" " "
5/16" x 1 $\frac{1}{4}$ "	Bolts, stove, Round Head	" " "
5/16" x 2"	" " " " "	" " "
9/32" x 2"	Bolts, sink, " "	" " "
9/32" x 2 $\frac{1}{2}$ "	Bolts, sink, American Screw Co.	
Closet Bolts, Flanged, extra heavy, Nickled Plated Nut.		
Boiler Enamel, P. G. E. (Hooper).		
Drills, Sets, No. 1 to No. 60, Cleveland Twist Drill Co.		
" " 1/16 to $\frac{1}{2}$ "	" " " "	
Drill, Twist, 17/32", Straight Shank, Cleveland Twist Drill Co.		
" " 9/16",	" " " "	" "
" " $\frac{5}{8}$ "	" " " "	" "
" " 11/16"	" " " "	" "
" " $\frac{3}{4}$ "	" " " "	" "
" " 13/16"	" " " "	" "

Drill, Twist,  $\frac{7}{8}$ " Straight Shank, Cleveland Twist Drill Co.  
 " " 15/16" " " " " " "  
 " " 1" " " " " " "

Drill & Counter Sink  $\frac{3}{8}$ " Cleveland Twist Drill Co.  
 " " "  $\frac{1}{2}$ " " " " "

Drill & Pipe Tap combined  $\frac{1}{2}$ " Pratt & Whitney.  
 " " " "  $\frac{3}{4}$ " " "  
 " " " " 1" " "  
 " " " "  $1\frac{1}{4}$ " " "

$\frac{1}{8}$ " Dies, Pipe, Right hand or left hand, Pratt & Whitney, 2" sq.  
 $\frac{1}{4}$ " " " " " " " " " " 2 $\frac{1}{2}$ " "  
 $\frac{3}{8}$ " " " " " " " " " " 2 $\frac{1}{2}$ " "  
 $\frac{1}{2}$ " " " " " " " " " " 2 $\frac{1}{2}$ " "  
 $\frac{3}{4}$ " " " " " " " " " " 3" "  
 1" " " " " " " " " " 3" "  
 $1\frac{1}{4}$ " " " " " " " " " " 4" "  
 $1\frac{1}{2}$ " " " " " " " " " " 4" "  
 2" " " " " " " " " " 4" "

$\frac{1}{2}$ " Dies, bolt, U. S. Standard, Pratt & Whitney, right hand.  
 $\frac{5}{8}$ " " " " " " " " " "  
 $\frac{3}{4}$ " " " " " " " " " "  
 $\frac{7}{8}$ " " " " " " " " " "  
 1" " " " " " " " " "  
 $1\frac{1}{8}$ " " " " " " " " " "  
 $1\frac{1}{4}$ " " " " " " " " " "

Emery Cloth, No. 0, Baeder, Adamson.  
 Emery Cloth, No. 1, " "  
 Emery Cloth, No. 2, " "

#### FITTINGS.

(Steam: Cast Iron for 125 lbs. pressure or 250 lbs. (extra heavy) as specified.

(Briggs Standard Threads.)

4"	Tees, Crane & Co.	3" x 2 $\frac{1}{2}$ "	Tees, Crane & Co.
4" x 3"	" " " "	3" x 2"	" " " "
4" x 2 $\frac{1}{2}$ "	" " " "	3" x 1 $\frac{1}{2}$ "	" " " "
4" x 2"	" " " "	3" x 2 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ "	" " " "
4" x 3" x 3"	" " " "	3" x 2" x 2 $\frac{1}{2}$ "	" " " "
3" x 3" x 2"	" " " "	3" x 2" x 2"	" " " "
3"	" " " "	2 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ " x 3"	" " " "

(Fittings, Steam Cast Iron.)

2 $\frac{1}{2}$ "	Tees, Crane & Co.	1 $\frac{1}{4}$ " x 1 $\frac{1}{4}$ " x 2"	Tees, Crane & Co.
2 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ " x 2"	" " " "	1 $\frac{1}{4}$ " x 1 $\frac{1}{4}$ " x 1 $\frac{1}{2}$ "	" " " "
2 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	" " " "	1 $\frac{1}{4}$ "	" " " "
2 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ " x 1"	" " " "	1 $\frac{1}{4}$ " x 1 $\frac{1}{4}$ " x 1"	" " " "
2 $\frac{1}{2}$ " x 2" x 2"	" " " "	1 $\frac{1}{4}$ " x 1 $\frac{1}{4}$ " x $\frac{3}{4}$ "	" " " "
2 $\frac{1}{2}$ " x 2" x 1 $\frac{1}{2}$ "	" " " "	1 $\frac{1}{4}$ " x 1" x 1 $\frac{1}{4}$ "	" " " "
2 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " x 2"	" " " "	1 $\frac{1}{4}$ " x 1" x 1"	" " " "
2 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ "	" " " "	1 $\frac{1}{4}$ " x 1" x $\frac{3}{4}$ "	" " " "
2" x 2" x 3"	" " " "	1 $\frac{1}{4}$ " x 1" x $\frac{1}{2}$ "	" " " "
2"	" " " "	1 $\frac{1}{4}$ " x $\frac{3}{4}$ " x $\frac{3}{4}$ "	" " " "
2" x 2" x 1 $\frac{1}{2}$ "	" " " "	1" x 1" x 1 $\frac{1}{2}$ "	" " " "



2" x 2" x 1 $\frac{1}{4}$ "	Tees,	Crane & Co.	1" x 1" x 1 $\frac{1}{4}$ "	Tees,	Crane & Co.
2" x 2" x 1"	"	" " "	1" x 1 x $\frac{3}{4}$ "	"	" " "
2" x 2" x $\frac{3}{4}$ "	"	" " "	1" x 1" x $\frac{1}{2}$ "	"	" " "
2" x 2" x 1 $\frac{1}{2}$ "	"	" " "	1" x 1" x $\frac{3}{8}$ "	"	" " "
2" x 1 $\frac{1}{2}$ " x 2"	"	" " "	1" x $\frac{3}{4}$ " x 1"	"	" " "
2" x 1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	"	" " "	1" x $\frac{1}{2}$ " x 1"	"	" " "
2" x 1 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ "	"	" " "	1" x $\frac{3}{4}$ " x $\frac{3}{4}$ "	"	" " "
2" x 1 $\frac{1}{2}$ " x 1"	"	" " "	1" x $\frac{3}{4}$ " x $\frac{1}{2}$ "	"	" " "
2" x 1 $\frac{1}{4}$ " x 2"	"	" " "	$\frac{3}{4}$ " x $\frac{3}{4}$ " x 1 $\frac{1}{4}$ "	"	" " "
2" x 1 $\frac{1}{4}$ " x 1 $\frac{1}{2}$ "	"	" " "	$\frac{3}{4}$ " x $\frac{3}{4}$ " x 1"	"	" " "
2" x 1 $\frac{1}{4}$ " x 1 $\frac{1}{4}$ "	"	" " "	$\frac{3}{4}$ " x $\frac{3}{4}$ " x $\frac{1}{2}$ "	"	" " "
2" x 1 $\frac{1}{4}$ " x 1"	"	" " "	$\frac{3}{4}$ "	"	" " "
2" x 1" x 2"	"	" " "	$\frac{3}{4}$ " x $\frac{3}{4}$ " x $\frac{3}{8}$ "	"	" " "
2" x 1" x 1 $\frac{1}{2}$ "	"	" " "	$\frac{3}{4}$ " x $\frac{1}{2}$ " x $\frac{1}{2}$ "	"	" " "
2" x 1" x 1 $\frac{1}{4}$ "	"	" " "	$\frac{3}{4}$ " x $\frac{1}{2}$ " x $\frac{3}{8}$ "	"	" " "
1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ "	"	" " "	$\frac{1}{2}$ " x $\frac{1}{2}$ " x $\frac{3}{4}$ "	"	" " "
1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " x 2"	"	" " "	$\frac{1}{2}$ "	"	" " "
1 $\frac{1}{2}$ "	"	" " "	$\frac{1}{2}$ " x $\frac{1}{2}$ " x $\frac{3}{8}$ "	"	" " "
1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ "	"	" " "	$\frac{1}{2}$ " x $\frac{3}{8}$ " x $\frac{1}{2}$ "	"	" " "
1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " x 1"	"	" " "	$\frac{1}{2}$ " x $\frac{3}{8}$ " x $\frac{3}{8}$ "	"	" " "
1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " x $\frac{3}{4}$ "	"	" " "	$\frac{3}{8}$ " x $\frac{3}{8}$ " x $\frac{1}{2}$ "	"	" " "
1 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " x $\frac{1}{2}$ "	"	" " "	$\frac{3}{8}$ "	"	" " "
1 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ " x 1 $\frac{1}{2}$ "	"	" " "	$\frac{3}{8}$ " x $\frac{3}{8}$ " x $\frac{1}{4}$ "	"	" " "
1 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ " x 1 $\frac{1}{4}$ "	"	" " "	$\frac{3}{8}$ " x $\frac{3}{8}$ " x $\frac{1}{8}$ "	"	" " "
1 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ " x 1"	"	" " "	$\frac{1}{4}$ " x $\frac{1}{4}$ " x $\frac{3}{8}$ "	"	" " "
1 $\frac{1}{2}$ " x 1" x 1 $\frac{1}{2}$ "	"	" " "	$\frac{1}{4}$ "	"	" " "
1 $\frac{1}{2}$ " x 1" x 1 $\frac{1}{4}$ "	"	" " "	$\frac{1}{4}$ " x $\frac{1}{4}$ " x $\frac{1}{8}$ "	"	" " "
1 $\frac{1}{2}$ " x 1" x 1"	"	" " "			
4"	Ells	" " "	1 $\frac{1}{2}$ " x 1"	Ells	" " "
4" x 3"	"	" " "	1 $\frac{1}{2}$ " x $\frac{3}{4}$ "	"	" " "
4" x 2 $\frac{1}{2}$ "	"	" " "	1 $\frac{1}{2}$ x $\frac{1}{2}$ "	"	" " "
3"	"	" " "	1 $\frac{1}{4}$ "	"	" " "
3" x 2 $\frac{1}{2}$ "	"	" " "	1 $\frac{1}{4}$ " x 1"	"	" " "
3" x 2"	"	" " "	1 $\frac{1}{4}$ " x $\frac{3}{4}$ "	"	" " "
2 $\frac{1}{2}$ "	"	" " "	1 $\frac{1}{4}$ " x $\frac{1}{2}$ "	"	" " "
2 $\frac{1}{2}$ " x 2"	"	" " "	1"	"	" " "
2"	"	" " "	1" x $\frac{3}{4}$ "	"	" " "
2" x 1 $\frac{1}{2}$ "	"	" " "	1" x $\frac{1}{2}$ "	"	" " "
2" x 1 $\frac{1}{4}$ "	"	" " "	$\frac{3}{4}$ "	"	" " "
2" x 1"	"	" " "	$\frac{3}{4}$ " x $\frac{1}{2}$ "	"	" " "
2" x $\frac{3}{4}$ "	"	" " "	$\frac{1}{2}$ "	"	" " "
2" x $\frac{1}{2}$ "	"	" " "	$\frac{1}{2}$ " x $\frac{3}{8}$ "	"	" " "
1 $\frac{1}{2}$ "	"	" " "	$\frac{1}{2}$ " x $\frac{1}{4}$ "	"	" " "
1 $\frac{1}{2}$ " x 1 $\frac{1}{4}$ "	"	" " "	$\frac{1}{2}$ " x $\frac{1}{8}$ "	"	" " "
4" x 3"	Bushings	" " "	1 $\frac{1}{2}$ " x $\frac{3}{4}$ "	Bushings	" " "
4" x 2 $\frac{1}{2}$ "	"	" " "	1 $\frac{1}{4}$ " x 1"	"	" " "
4" x 2"	"	" " "	1 $\frac{1}{4}$ " x $\frac{3}{4}$ "	"	" " "
3" x 2 $\frac{1}{2}$ "	"	" " "	1 $\frac{1}{4}$ " x $\frac{1}{2}$ "	"	" " "
3" x 2"	"	" " "	1" x $\frac{3}{4}$ "	"	" " "
3" x 1 $\frac{1}{2}$ "	"	" " "	1" x $\frac{1}{2}$ "	"	" " "
2 $\frac{1}{2}$ " x 2"	"	" " "	1" x $\frac{3}{8}$ "	"	" " "
2 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	"	" " "	$\frac{3}{4}$ " x $\frac{1}{2}$ "	"	" " "
2" x 1 $\frac{1}{2}$ "	"	" " "	$\frac{3}{4}$ " x $\frac{3}{8}$ "	"	" " "
2" x 1 $\frac{1}{4}$ "	"	" " "	$\frac{1}{2}$ " x $\frac{3}{8}$ "	"	" " "

2" x 1"	Bushings	"	"	"	1½" x ¼"	"	"	"	"
2" x ¾"	"	"	"	"	¾" x ¼"	"	"	"	"
1½" x 1¼"	"	"	"	"	¾" x ⅛"	"	"	"	"
1½" x 1"	"	"	"	"	¼" x ⅛"	"	"	"	"

4"	Plugs	"	"	"	1"	Plugs	"	"	"
3"	"	"	"	"	¾"	"	"	"	"
2½"	"	"	"	"	½"	"	"	"	"
2"	"	"	"	"	⅜"	"	"	"	"
1½"	"	"	"	"	¼"	"	"	"	"
1¼"	"	"	"	"	⅛"	"	"	"	"

4"	Caps	"	"	"	1"	Caps	"	"	"
3"	"	"	"	"	¾"	"	"	"	"
2½"	"	"	"	"	½"	"	"	"	"
2"	"	"	"	"	⅜"	"	"	"	"
1½"	"	"	"	"	¼"	"	"	"	"
1¼"	"	"	"	"	⅛"	"	"	"	"

4" Companion Flanges Standard for 125 or 250 lbs. pressure, as specified.

3" " " " " " " " " " " "

2½" " " " " " " " " " " "

2" Long Screw Sockets and Locknuts, National Tube Co.

1½" " " " " " " " " " "

1¼" " " " " " " " " " "

1" " " " " " " " " " "

¾" " " " " " " " " " "

½" " " " " " " " " " "

2" Recessed line sockets. 1" " " "

1½" " " " ½" " " "

1¼" " " " ¾" " " "

2½" Dart Unions. ¾" " " "

2" " " " ½" " " "

1½" " " " ⅜" " " "

1¼" " " " ¼" " " "

1" " " " ⅛" " " "

Flue Brush, 2" Spiral, steel wire.

Flue Brush, flat, steel for ranges and heaters.

Flue Scraper, Gilmore 4".

Flue Scraper, Gilmore 2".

Flue Scraper Blades for Gilmore 4".

Flue Scraper Blades for Gilmore 2".

Gauge Glasses ¾" x 12" "Durable" or "Renang."

Gauge Cocks, ½" extra heavy "Ball."

Gaskets, McBride Basin spud.

Grease, cup, Vacuum Oil Co.

Grates, Range, Bramhall-Deane & Co., H. A.

" " " " " " F.

" " " " " " G.

Grates, Range, V. Clad & Son No. 2.

" " " " " " No 3.

Hack Saw Blades, 12" "Universal."

" " " 10" "

Hammer, Machinists' Ball Pein 20 oz. "Plumb."

" " " 16 " "

Hammer, Machinists' Cross Pein 16 oz. "Plumb."

Hammer, Blacksmith Sledge Cross Pein 12 lbs.

Hose,  $\frac{3}{4}$ " Garden "High Pressure" Whitehead Bros. Co.

Hose  $\frac{3}{4}$ " Steam wire wound  $\frac{1}{2}$  round wire, Whitehead Bros. Co.

Iron, Galvanized 1" x  $\frac{1}{8}$ " "Apollo."

Iron Bars 4" x  $\frac{1}{2}$ " "Apollo."

Iron Bars 4" x  $\frac{3}{8}$ ".

Iron Bars 4" x  $\frac{1}{4}$ "

Iron Cement "Smooth On" No. 3.

" " " " No. 4.

Iron Bar 3" x  $\frac{1}{2}$ "

Iron Bar 2" x  $\frac{3}{8}$ "

Iron Bar,  $1\frac{1}{4}$ " x  $1\frac{1}{4}$ "

" " 3" x  $\frac{3}{8}$ "

" " 2" x  $\frac{1}{4}$ "

" " 1" x  $\frac{3}{8}$ "

" " 3" x  $\frac{1}{4}$ "

" "  $1\frac{1}{2}$ " x  $\frac{3}{8}$ "

" " 1" x  $\frac{1}{4}$ "

" "  $2\frac{1}{2}$ " x  $\frac{1}{2}$ "

" "  $1\frac{1}{2}$ " x  $5/16$ "

" " 1" x  $3/16$ "

" "  $2\frac{1}{2}$ " x  $\frac{3}{8}$ "

" "  $1\frac{1}{2}$ " x  $\frac{1}{4}$ "

" " 1" x  $5/16$ "

" "  $2\frac{1}{2}$ " x  $\frac{1}{4}$ "

" "  $1\frac{1}{4}$ " x  $\frac{3}{8}$ "

" "  $\frac{1}{2}$ " x  $3/16$ "

" " 2" x  $\frac{1}{2}$ "

" "  $1\frac{1}{4}$ " x  $5/16$ "

" " 1" x  $\frac{1}{8}$ "

Iron, round & square, 1"

Iron, round & square,  $\frac{1}{4}$ "

" " "  $\frac{7}{8}$ "

" " "  $5/16$ "

" " "  $\frac{3}{4}$ "

" " "  $\frac{3}{8}$ "

" " "  $\frac{5}{8}$ "

" " "  $7/16$ "

" " "  $\frac{1}{2}$ "

Lathe Chucks, Independent 4 jaw reversible 16" "Union."

Lathe Chucks, three jaw geared scroll, two sets of jaws, 6 inch, Skinner.

Lacing wire No. 0 "Kerrs"

" " No. 2 "

" " No. 1 "

" " No. 3 "

Level, Machinists' 18" Brass tipped with plumb "Stanley."

Nuts, Cold Punched Hex No. 8—32 Brass, American Screw Co.

" " " " No. 10—24 Iron " " "

" " " " No. 12—24 " " " "

" " " "  $\frac{1}{4}$ " U. S. Standard (Hooper & Townsend.)

" " " "  $5/16$ " " " " "

" " " "  $\frac{3}{8}$ " " " " "

" " " "  $7/16$ " " " " "

" " " "  $\frac{1}{2}$ " " " " "

" " " "  $\frac{5}{8}$ " " " " "

" " " "  $\frac{3}{4}$ " " " " "

" " " "  $\frac{7}{8}$ " " " " "

" " " " 1" " " " "

Packing,  $7/16$ " H. P. Steam, Anchor Packing Co., No. 395.

"  $\frac{1}{2}$ " Diagonal H. P. Steam, Anchor Packing Co.

"  $9/16$ " " " " " " "

"  $\frac{5}{8}$ " " " " " " "

"  $\frac{1}{8}$ " Palmetto twisted.

"  $3/16$ " " " "

"  $\frac{1}{4}$ " " " "

"  $\frac{3}{8}$ " High Pressure, spiral rod, lubricated "Chesterton."

"  $7/16$ " " " " " " "

"  $\frac{1}{2}$ " " " " " " "

"  $9/16$ " " " " " " "

"  $\frac{5}{8}$ " " " " " " "

"  $\frac{3}{4}$ " " " " " " "

"  $\frac{7}{8}$ " " " " " " "

"  $\frac{7}{8}$ " Square tucks for hot water, "Whitehead Rubber Co."

"  $1/16$ " Red sheet "Anchorite" No. 412 or "Rainboww."

"  $1/16$ " Black sheet Non Vulcanizing—oil proof Anchorite No. 475 or N. B.

Pipe; Genuine wrought iron, Byers or Reading. Wrought Steel National Tube Co.  
All pipe, thread and fitting dimensions to be according to the American Society  
of Mechanical Engineers (Briggs) Standard—Full weight (card), extra strong  
(X) or double extra (XX) as may be ordered.

Pipe	$\frac{1}{8}$ "	"	$\frac{3}{4}$ "	"	2"
"	$\frac{1}{4}$ "	"	1"	"	2 $\frac{1}{2}$ "
"	$\frac{3}{8}$ "	"	1 $\frac{1}{4}$ "	"	4"
"	$\frac{1}{2}$ "	"	1 $\frac{1}{2}$ "	"	3"

Pipe Covering	$\frac{3}{4}$ "	85% Magnesia	Keasby & Mattison.
"	1"	"	"
"	1 $\frac{1}{4}$ "	"	"
"	1 $\frac{1}{2}$ "	"	"
"	2"	"	"
"	2 $\frac{1}{2}$ "	"	"
"	3"	"	"

Pipe Cutter, Baines No. 2.

" " " No. 3.

Pipe Wrenches 10" "Stillson."

"	14"	"
"	18"	"
"	24"	"
"	36"	"
"	48"	Clam Tongs, "Williams."
"		Parmelee No. 1.
"		No. 2 $\frac{1}{2}$ .

Pipe Tap  $\frac{1}{8}$ " R. H. Pratt & Whitney.

"	$\frac{1}{4}$ "	"	"	"	"
"	$\frac{3}{8}$ "	"	"	"	"
"	$\frac{1}{2}$ "	"	"	"	"
"	$\frac{3}{4}$ "	"	"	"	"
"	1"	"	"	"	"
"	1 $\frac{1}{4}$ "	"	"	"	"
"	1 $\frac{1}{2}$ "	"	"	"	"
"	2"	"	"	"	"

Registers, Plain Black Hospital 8" x 10" Tuttle & Bailey.

"	"	"	10" x 12"	"	"
"	"	"	10" x 16"	"	"
"	"	"	12" x 20"	"	"
"	"	"	16" x 16"	"	"

Steel, Twisted Concrete bars  $\frac{3}{8}$ ".

" " " "  $\frac{7}{8}$ ".

Screws, Machine, Flat Head #6—32x $\frac{3}{8}$  U. S. Standard.

"	"	"	#8—32x $\frac{1}{2}$	"	"
"	"	"	#10—24x $\frac{1}{2}$	"	"
"	"	"	#12—24x $\frac{5}{8}$	"	"
"	"	"	#14—20x $\frac{1}{2}$	"	"
"	"	"	#14—20x $\frac{3}{4}$	"	"
"	"	Round Head	#6—32x $\frac{3}{8}$	"	"
"	"	"	#8—32x $\frac{1}{2}$	"	"
"	"	"	#10—24x $\frac{1}{2}$	"	"
"	"	"	#10—24x $\frac{3}{4}$	"	"
"	"	"	#12—24x $\frac{5}{8}$	"	"
"	"	"	#12—24x $\frac{7}{8}$	"	"
"	"	"	#14—20x $\frac{1}{2}$	"	"
"	"	"	#14—20x $\frac{3}{4}$	"	"

Screws, Machine, Round Head #14—20x1 " "

" " " " # $\frac{5}{16}$ —18x $\frac{1}{2}$  " "

" " Flat Head # $\frac{5}{16}$ —18x $\frac{1}{2}$  " "

Set Screw, Square Head,  $\frac{1}{4}$ "x $\frac{1}{2}$ " U. S. Standard

" " " "  $\frac{1}{4}$ "x $\frac{3}{4}$ " " "

" " " "  $\frac{5}{16}$ "x $\frac{3}{4}$ " " "

" " " "  $\frac{3}{8}$ "x $\frac{3}{4}$ " " "

" " " "  $\frac{1}{2}$ "x $\frac{3}{4}$ " " "

" " " "  $\frac{1}{2}$ "x1" " "

" " " "  $\frac{5}{8}$ "x1 $\frac{1}{2}$ " " "

" " Headless  $\frac{1}{4}$ "x $\frac{1}{2}$ " " "

" " "  $\frac{5}{16}$ "x $\frac{5}{8}$ " " "

" " "  $\frac{3}{8}$ "x $\frac{3}{4}$ " " "

" " "  $\frac{1}{2}$ "x $\frac{3}{4}$ " " "

Snips, Tinnners', 14", "Wiff."

" " 8" "

Steel, Cold Drawn,  $\frac{1}{4}$ " Round.

" " "  $\frac{9}{32}$ " "

" " "  $\frac{5}{16}$ " "

" " "  $\frac{3}{8}$ " "

" " "  $\frac{7}{16}$ " "

" " "  $\frac{1}{2}$ " "

" " "  $\frac{9}{16}$ " "

" " "  $\frac{5}{8}$ " "

" " "  $\frac{11}{16}$ " "

" " "  $\frac{13}{16}$ " "

" " "  $\frac{7}{8}$ " "

" " "  $\frac{15}{16}$ " "

" " " 1" "

" " "  $\frac{13}{16}$ " "

" " "  $\frac{17}{16}$ " "

" " "  $\frac{11}{16}$ " "

" " "  $\frac{15}{16}$ " "

Steel, Cold Drawn,  $\frac{1}{4}$ " Square.

" " "  $\frac{9}{32}$ " "

" " "  $\frac{5}{16}$ " "

" " "  $\frac{3}{8}$ " "

" " "  $\frac{7}{16}$ " "

" " "  $\frac{1}{2}$ " "

Steel Tape, 50 ft. long, "Keuffel & Esser."

Steel, Octagon Chisel,  $\frac{1}{2}$ " "Ludlum."

" "  $\frac{3}{4}$ " " "

" " 1" "

Steel, Machine,  $\frac{7}{8}$ ".

Shields, "Star," Double Expansion, bolt  $\frac{3}{8}$ ".

" " " "  $\frac{1}{2}$ ".

" " " "  $\frac{5}{8}$ ".

Valve discs,  $\frac{1}{4}$ " "Jenkins High Pressure."

" "  $\frac{3}{8}$ " " " "

" "  $\frac{1}{2}$ " " " "

" "  $\frac{3}{4}$ " " " "

" " 1" " " "

" "  $1\frac{1}{4}$ " " " "

" "  $1\frac{1}{2}$ " " " "

" " 2" " " "



Valve discs,  $\frac{3}{8}$ " "Fairbanks High Pressure."

"	"	$\frac{1}{2}$ "	"	"	"
"	"	$\frac{3}{4}$ "	"	"	"
"	"	1"	"	"	"
"	"	$1\frac{1}{4}$ "	"	"	"
"	"	$1\frac{1}{2}$ "	"	"	"
"	"	2"	"	"	"
"	"	$2\frac{1}{2}$ "	"	"	"
"	"	3"	"	"	"
"	"	4"	"	"	"

Valves, Globe,  $\frac{1}{4}$ " "Jenkins."

"	"	$\frac{3}{8}$ "	"		
"	"	$\frac{1}{2}$ "	"Fairbanks."		
"	"	$\frac{3}{4}$ "	"		
"	"	1"	"		
"	"	$1\frac{1}{4}$ "	"		
"	"	$1\frac{1}{2}$ "	"		
"	"	2"	"		
"	"	$2\frac{1}{2}$ "	"	Iron Body.	
"	"	3"	"	"	"

Valves, Gate,  $\frac{1}{2}$ " "Williams."

"	"	$\frac{3}{4}$ "	"		
"	"	1"	"		
"	"	$1\frac{1}{4}$ "	"		
"	"	$1\frac{1}{2}$ "	"		
"	"	2"	"		
"	"	$2\frac{1}{2}$ "	"	125 lbs. Iron Body.	
"	"	3"	"	"	"
"	"	4"	"	"	"

Valves, Radiator,  $\frac{3}{4}$ " Angle, "Jenkins."

"	"	1"	"	"	
---	---	----	---	---	--

Valve Trimmings,  $\frac{3}{8}$ " "Jenkins."

"	"	$\frac{1}{2}$ "	"		
"	"	$\frac{3}{4}$ "	"		
"	"	1"	"		

Waste, White, #1, Hunt Mfg. Co.

" Colored, #2, " " "

Washers, Iron,  $\frac{1}{4}$ " Bolt, Hoopes & Townsend.

"	"	$\frac{5}{16}$ "	"	"	"	"
"	"	$\frac{3}{8}$ "	"	"	"	"
"	"	$\frac{1}{2}$ "	"	"	"	"
"	"	$\frac{5}{8}$ "	"	"	"	"
"	"	$\frac{3}{4}$ "	"	"	"	"
"	"	$\frac{7}{8}$ "	"	"	"	"
"	"	1"	"	"	"	"
"	"	$1\frac{1}{8}$ "	"	"	"	"
"	"	$1\frac{1}{4}$ "	"	"	"	"

Wire, Copper, #18 Gauge, "Roebling."

### ROOFING AND MATERIALS.—K.

Roofing Felt, Slater's tarred, No. 14, Supplee & Biddle.  
Roofing Felt, Tarred, No. 11, single ply, Supplee & Biddle.  
Roofing Paper, Amatite, graveled, No. A 150, Supplee & Biddle.  
Roofing Paper, Everlastic, 2 ply, Barrett Mfg. Co.  
Roofing Slate, Genuine, Bangor, produced at Bangor, Penna., sizes 12" x 24", 10" x 20", 9" x 18".  
Roofing Shingles, Asbestos Century, Ambler, Pa.  
Roofing Shingles, H. B. Shorts No. 1, 6" x 24", Cypress.  
Roofing Shingles, H. B. Shorts No. 1, 6" x 18", Cypress.  
Roofing Tin, I. C. genuine charcoal iron, 40 lbs. coating, made by N. G. Taylor Co., Philadelphia, Pa.  
Roofing Tin, 32 lbs. coating, M. F.  
Pecora Roof Cement.

### Agricultural Lime

On motion of Mr. Atchley, seconded by Mr. Bodine, it was decided that the Board request Professor Lipman to furnish the specification for agricultural lime.

### Portland Cement.

On motion of Dr. Moore, seconded by Mr. Atchley, the following specification for Portland cement was adopted:

"Portland Cement conforming to the standard specification adopted by the American Society for Testing Materials."

### Sundries.

Regularly moved and seconded that the special items that all must have shall be included in the various schedules.

## REPORTS.

### Committee on Brushes.

Mr. Neary submitted his report on brushes, and the following specifications were adopted by the Board:

Hoof Brushes: Solid hardwood back, 9½" long, 2½" wide, side of back grooved for hand hold.

Materials, best quality of vegetable fibre, 1⅞" out, 38 holes on outside well fastened and well filled and fastened in center, making a good substantial brush.

Goods delivered must equal samples furnished by State Purchasing Agent.

HAIR BRUSHES: Back of solid hardwood.

Hand-drawn pure bristle, 11 rows.

Length over all on back  $9\frac{1}{2}$ ".

Brush part on face  $5\frac{1}{4}$ " x 3".

Bristles  $\frac{3}{4}$ " out.

Goods delivered must equal samples furnished by State Purchasing Agent.

### Blankets.

Dr. Hallowell reported on blankets and submitted the following specification which was adopted:

Blankets, white, color of border as specified, 60 x 82 inches, weight 4 lbs., white wool filling and cotton warp. "Physician's Favorite."

### Brooms.

Mr. Atchley reported on brooms, and submitted the following specification, which was adopted:

No. 6 Parlor Broom, first grade, 24 lbs. to the dozen. Five sewed. Length of brush about  $14\frac{1}{2}$  inches from neck to the end of the broom. Length of handle about 38 inches from the neck of the broom. Finish of broom, wire spiral finish. Galvanized steel wire. Hardwood handle of regular size for No. 6 Broom.

Mr. Chandler to furnish specification for No. 7 broom.

Dr. Moore to furnish specification for rattan filled broom.

### Coffee.

MR. ATCHLEY: The report of the Coffee Committee is this: That we buy Rio, Santos and Maracaibo, either roasted or green, blended or unblended, as specified on the individual schedules; that we buy chicory, either imported or American, the blend or mixture to be prescribed or made by the various using agencies.

Upon regular motion, seconded, this was adopted as the coffee standard.

MR. SHURTS: Upon the direction of the motion adopted on August 21st which authorized me to submit my specification for coffee used at the State Prison, I submit the following, and ask that it be added to the list of standards:

"30% Rio, 35% chickery, 35% cereal."

Whereupon the above was duly adopted as an additional specification on coffee.

### Other Items Added to List of Standards:

The following items, upon motion duly made, seconded and passed, were added to the list of standards:

Schumacher's Dairy Feed: Protein not less than 10%, fat not less than  $3\frac{1}{4}$ %, fibre not more than 10%.

Hominy, protein not less than  $3\frac{1}{4}$ %, fat not less than  $3\frac{3}{4}$ %, fibre not more than  $3\frac{1}{2}$ %.

Milk cans. Milk cans to be made of highest grade sheet steel plate, rivet holes pounded, tinned and retinned. Entire can to be tinned both inside and out. To have all seams floated flush with high grade solder, handles securely held by rivets, rivets securely soldered, the bottom hoops reinforced and cans to be made of heavy weight

material securely riveted, material not less than 20 gauge. To be fitted with umbrella top lid, flanges on the lid neat fitting to prevent slop. In sizes to be specified.

Jams: Blackberries, Raspberry, Gooseberries, Plum, Grape.

Jelly: Plum, Currant.

Canned fruits and vegetables: Blackberries, Pears (Bartlett), Pineapples, Plums (Green Gage), Peaches, L. C. sliced, Asparagus (whole), Peas (sifted early June), Apricots, Corn, Apples, Beans (cut wax), Beets (small,) Raspberries, Tomatoes, Lima Beans (green), cherries (Royal Ann), Rhubarb, Huckleberries, Strawberries.

Extracts: Lemon, Vanilla, Almond (Mr. Henry to furnish spec.).

#### Administration Expenses, Office Supplies, Etc.

DR. MOORE: I move that the Advisory Board take no action on standardizing administration expenses, office supplies, etc., understanding that the Purchasing Agent has the matter in hand to take up with the Prison Labor Commission.

DR. CHAPIN: I second that motion.

Whereupon the motion was duly placed before the Board and passed.

#### Text Books, School Supplies, Etc.

DR. CHAPIN: The Educational Committee reports that it finds it impossible to standardize text books and school supplies, and I move that this be the sense of this Board.

MR. NEARY: I second that motion.

Whereupon the motion was placed before the Board and passed.

#### Fertilizer, Vines, Hay and Grain, Trees and Shrubby.

MR. ATCHLEY: I move that the specifications submitted by Professor Lipman be adopted.

MR. BODINE: Second the motion.

Whereupon the motion was placed before the Board and passed.

#### Heat, Light and Power.

MR. NEARY: I move that anthracite and bituminous coal be referred to the Purchasing Agent.

MR. BODINE: Second the motion.

Whereupon the motion was placed before the Board and passed.

### RECESS.

Mr. Nevin addressed the Board on the matter of securing samples for the various items referred to the Purchasing Agent, and also on the subject of materials, supplies, etc., under the Budgeting Act.

MR. ATCHLEY: I move that the Purchasing Agent be requested to make arrangements with the express companies for the delivery of goods in the cities in which the institutions are located.

MR. NEARY: Second the motion.

Whereupon the motion was placed before the Board and passed.

MR. ATCHLEY: I move that the items on the various schedules, for which standards have not been adopted, be listed for advertising and that reference be made to the sample if there be one.

MR. NEARY: Second the motion.

Whereupon the motion was placed before the Board and passed.

**Samples:** After discussion, it was moved and seconded that the Chairman appoint a committee to standardize the samples to be secured by the Purchasing Agent. This motion was placed before the Board and passed, and the Chairman appointed Dr. Hallowell, Mr. Bodine, Mr. Drever, Mr. Atchley, Mr. Neary and Mr. Shurts. This committee withdrew and elected Mr. Atchley chairman and Mr. Neary secretary.

The Advisory Board then adjourned to meet at the call of the Purchasing Agent.



MEETING OF THE ADVISORY BOARD UNDER THE STATE PUR-  
CHASING ACT OF 1916, HELD IN THE OFFICE OF THE  
COMPTROLLER, STATE HOUSE, TRENTON,  
N. J., SEPTEMBER 27, 1916.

PRESENT—Dr. David F. Weeks, Chairman; Mr. John S. Neary, Secretary; Mr. Samuel T. Atchley, Miss Dorothy P. Godfrey, Dr. Frank Moore, Mr. J. Frank Macomber, Mr. W. R. Valentine, Mr. Wm. H. Schultz; Prof. E. H. Loomis, Dr. S. B. English, Mrs. Isabel VanderBurgh, Prof. Jacob E. Lipman, Dr. Madeline A. Hallowell, Mr. Jacob Shurts, Mr. Walter M. Kilpatrick, Mr. George C. Chandler, Capt. John W. Bodine, Mr. J. H. Cubberly, Mr. O. M. Bowen.

The Advisory Board met at ten o'clock with Dr. Weeks in the Chair, in response to a call issued by the State Purchasing Agent, Mr. E. E. Grosscup. Mr. Nevin, representing Mr. Grosscup, who had been called away, explained that the standards which had been adopted at the preceding meetings of the Advisory Board had been analyzed and comparee with the applications of the divisions of the government; that there were certain differences between the applications and the standards adopted; that some of the standards did not seem to be specific enough, and a list of them had been tabulated under each division of the applications and were referred back to the Board for adjustment. The Chair then proceeded to take up each of the articles from lists supplied him by the Purchasing Department.

The order and action of the meeting was as follows:

The first list to be taken up was that of

TABLE SUPPLIES.

- Allspice—(Discussion.) Motion adopted that the U. S. Government specifications on all kinds of spices be adopted, as listed in Class 10, Item 1000.
- Apples—(Discussion.) Motion adopted that apples be purchased in the open market, and that they be classified with the items to be purchased in the open market.
- Apricots—(Discussion.) Motion adopted that the standard for canned apricots be as follows: Canned, extra standard, No. 2½ cans, two dozen cans to the case; price per dozen.
- Apricots, Evaporated—(Discussion.) Motion adopted that the U. S. Government standard for evaporated apricots, as shown in Class 10, Item 1002, be adopted.
- Bacon—(Discussion.) Motion adopted that the U. S. Government standard for bacon, Class 10, Item 10,800 (two kinds), be used.
- Barley—(Discussion.) Motion adopted that the U. S. Government standard under Class 10, Item 10,012, be used.
- Bread—(Discussion.) Motion adopted that the unit on which bread is to be purchased shall be by the pound.
- Butterine and Butter Substitutes—(Discussion.) Motion adopted that bids be received on butterine, oleomargerine or other butter substitutes on the first quality, the bidders to be required to submit samples bearing the brand or trade name. and that each container, as delivered, be stamped with the brand.

- Apple Butter—(Discussion.) Motion adopted that bids on apple butter be requested on a unit of ten and fifty pound pails, and that the U. S. standard under Class 10, Item 10,004, be adopted as a standard.
- Cabbage—(Discussion.) Motion adopted that the standard on which bids shall be received for cabbage to be Head Cabbage; unit on which bids are to be received to be by pound.
- Cereals—(Discussion.) Oatmeal. Motion carried that the pound unit be adopted on purchasing oatmeal. Hominy. Motion adopted that the unit on which hominy be purchased shall be by the pound. Other Cereals. Motion adopted that the matter of cereals under special brand, inasmuch as institutions have declared their desire to purchase special brands of cereals, and as there can be no competition, these items should be classified under those to be referred to the State House Commission without advertising.
- Celery Seed—Motion carried that the U. S. Standard, Class 10, Item 10,027, be adopted.
- Canned Cherries—(Discussion.) Motion carried that the unit on which canned cherries be purchased shall be by the dozen, and that they be purchased by sample; extra standard, No. 2½ and No. 10 cans, white cherries.
- Coffee—(Discussion.) Motion carried that the coffee requirements, as listed on the various schedules be withdrawn and each using agency notify the Comptroller immediately of the coffee required by them, classified in accordance with the U. S. standard, Class 10, Item 10,044.
- Substitute Coffee—Motion carried that coffee substitutes, being special brands, be classified with the items to be purchased by the State House Commission without advertising. Dr. English voted "No" on this motion.
- Compound Lard—(Discussion.) Motion carried that it be referred to the State House Commission, classified with the items to be purchased without advertising.
- Cranberries—(Discussion.) Motion carried that the standard for cranberries be by the crate, 32 quarts to a crate, and by the barrel, 100 quarts to a barrel.
- Flavoring Extracts—(Discussion.) Motion carried that U. S. standard be adopted, Class 10, Items 10,060 and 10,062 (two kinds)—amended as to quantity. Unit to be one gallon.
- Grape Fruit—(Discussion.) Motion carried that grape fruit be classified with the items to be purchased without advertising.
- Lard—(Discussion.) Motion carried that U. S. standard be adopted, Class 10, Item 10,332, for leaf lard.
- Malted Milk—(Discussion.) Motion carried that it be classified with the items to go to State House Commission to be purchased without advertising.
- Mince Meat—(Discussion.) Motion carried to adopt U. S. standard, Class 10, Item 10,096.
- Nuts—(Discussion.) Motion carried that nuts be classified with items to go to State House Commission for purchase without advertising. Peanuts. U. S. standard, Class 10, Item 10,106.
- Nutmeg—(Discussion.) Motion carried that nutmeg be included in motion covering spices, U. S. standard, Class 10, Item 1,000. For reference Class 10, Item 10,104.
- Olive Oil—(Discussion.) Motion carried that Government specifications for olive oil be substituted for the specifications adopted at previous meeting, Class 4, Item 4224.
- Onions—(Discussion.) Motion carried that the standard for onions be yellow.
- Oranges—(Discussion.) Motion carried that oranges must be of best grade, sound bright fruit, 150, 176 or 216 to a box, as specified on the schedule.
- Pepper—(Discussion.) Motion carried to adopt U. S. specifications, Class 10, Item 10,120.
- Potatoes, white and sweet—(Discussion.) Motion carried that item of white and sweet potatoes be classified among the items to be referred to the State House Commission for purchase without advertising.

- Rice—(Discussion.) Motion carried that previous motion adopting No. 1 Carolina rice as a standard be reconsidered, and the standard on New York specifications be adopted. Amendment to read "Shall be delivered in bags or barrels of the size as called for in the schedules."
- Salt—(Discussion.) Motion carried that bids are to be asked for on fine salt, unit one pound, fine table salt. Motion carried that the classification of salt as set forth in Class 10, Item 10,138, of the U. S. specifications, be added to the specifications for salt already adopted.
- Sardines—(Discussion.) Motion carried that sardines be classified under New York specifications.
- Sugar—(Discussion.) Motion carried that all sugars not covered by the standards adopted be submitted to the State House Commission for purchase without advertising.
- Tea—(Discussion.) Motion carried that institutions take tea in half chests, price to be on the pound unit, under the specifications as adopted.
- Canned Tomatoes—(Discussion.) Motion carried that they be included in the items to be sent to the State House Commission for purchase without advertising.
- Vanilla—(Discussion.) See motion on "Flavoring extracts." U. S. standard, Class 10, Items 10,060 and 10,062 . Amended as to quantity. Unit to be one gallon.
- Dimity Quilts—(Discussion.) Motion carried that this item be listed as Dimity quilts, made by Dimity Quilt Co., Providence, R. I., and the bidder submit sample for quality only—pattern to be selected.
- An adjournment was here taken for luncheon until 2 o'clock.

(After recess.)

#### CLOTHING AND CLOTHING MATERIAL.

- Aprons—(Discussion.) Motion carried that U. S. standard be adopted, Class 3, Item 3,000, defining sizes, &c. Mr. Chandler will send sample to Purchasing Agent, showing material of which he wishes these made. Last four items listed on the card refer to covers for mangles.
- Boots—(Discussion.) Motion carried that the standard for boots will be men's felt boots, with rubber perfection overs for same.
- Buttons, Shoe—(Discussion.) Motion carried that this be added to the list of items to go to the State House Commission, for purchase without advertising.
- Men's Caps—(Discussion.) Motion carried that they go to State House Commission for purchase without advertising.
- Combs—(Discussion.) Motion carried that they go to State House Commission for purchase without advertising.
- Elastic—(Discussion.) Motion carried that it go to State House Commission for purchase without advertising.
- Gloves, Women's Woolen and Men's Canvas—(Discussion.) Motion carried that bids for men's and women's gloves be received on samples submitted by the Purchasing Agent.
- Hats—(Discussion.) Motion carried that it be added to list to go to State House Commission for purchase without advertising.
- Hose and Hosiery—(Discussion.) Motion carried that hose and hosiery be not listed for advertising, because coming under provision for State use system.
- Leather and Leather Findings—(Discussion.) Motion carried that they be referred to State House Commission for purchase without advertising.
- Overcoats—(Discussion.) Motion carried that overcoats coming under State use system be not advertised.
- Common Pins—(Discussion.) Motion carried that they be referred to State House Commission for purchase without advertising.



- Rubbers—(Discussion.) Motion carried that they be referred to State House Commission for purchase without advertising.
- Men's Shirts—(Discussion.) Motion carried that samples be submitted by using agencies to the State Purchasing Department and bids be received on the samples submitted.
- Muslin—(Discussion.) Motion carried that the Board approve of the listing of muslin under household supplies for this advertising. Motion carried that requests for muslin be classified under the specifications as adopted for muslin.

### HOUSEHOLD SUPPLIES.

- Ammonia—(Discussion.) Motion carried that it be placed on the list of the State Purchasing Agent to be bought in the open market.
- Paper Bags—(Discussion.) Motion carried that U. S. specifications be adopted, with sizes as specified, Class 1, Item 1,209.
- Bakers—(Discussion.) To be vitrified china, double thick, sizes as specified.
- Blankets—(Discussion.) Motion carried that blankets be listed under the specifications already adopted, so far as possible, as follows: State Prison, Beekman specification; Woman's Reformatory, Physicians' Favorite; State Colony for Feeble Minded Males, under light gray, two and one-half pound; State Hospital at Morris Plains, six and one-half pound, large heavy blanket.
- Blueing, Ball—(Discussion.) Motion carried that this be classified with items to be referred to State House Commission.
- China Gravy Bowls—(Discussion.) Motion carried that they be of vitrified china, double thick, sizes as specified.
- China Bowls, Soap, Sugar, Wash and Mixing Bowls—(Discussion.) Motion carried that they be of vitrified china, double thick, sizes as specified.
- Borax—(Discussion.) Motion carried to adopt U. S. standard, Class 4, Item 4,551.
- Whisk Brooms—(Discussion.) Motion carried that U. S. standard be adopted, Class 10, Item 10,510.
- Hair Push Brooms—(Discussion.) Motion carried that bids be requested on sample to be furnished by Dr. English.
- Brushes—(Discussion.) Motion carried that brushes be purchased on samples to be furnished by the various using agencies.
- Buckets—(Discussion.) Motion carried that buckets, coming under State Use System, will not be listed for advertisement.
- Carpet—(Discussion.) Motion carried that carpets not included under the standard, be listed with the items referred to State House Commission for purchase without advertisement.
- Charcoal—(Discussion.) Motion carried that charcoal be referred to State House Commission for purchase without advertisement.
- Cups, China, and Cups and Saucers—(Discussion.) Motion carried that they be vitrified china, double thick, sizes as specified.
- Mattresses—(Discussion.) Motion carried that Dr. Hollowell submit sample for hair mattresses. Motion carried for the adoption of the following specifications for felt mattresses: Elastic cotton felt, to be made up in guaranteed seven-ounce herringbone weave ticking, with felt seams on top and bottom border; dispensing with binding, 3-inch border stitched, best workmanship in every respect. Cotton to be clear, clean and white, to match sample submitted by purchasing agent. Sizes as specified in the schedule.
- Fibre Mattresses—(Discussion.) Motion carried that the question of fibre mattresses be added to the list to be submitted to the State House Committee for purchase without advertising.

- Mops—(Discussion.) Motion carried that O'Cedar oil mops be added to the list referred to the State House Commission for purchase without advertising.
- Pails—(Discussion.) Motion carried that these need not be advertised because coming under the State Use System.
- Crepe Paper—(Discussion.) Motion carried that it be referred to State House Commission for purchase without advertising.
- Toilet Paper—(Discussion.) Motion carried that where special toilet paper is required to fit fixtures now installed that it be listed with those items to be referred to the State House Commission for purchase without advertising. Motion carried to adopt roll, 2,000 sheets to the roll, 4½ by 5 inches.
- Window Shades—(Discussion.) Motion carried to adopt U. S. standard, Class 3, Item 3145.
- Sal Soda—(Discussion.) Motion carried that bids on sal soda be invited on the pound unit, in containers as specified.
- Silverware—(Discussion.) Motion carried that this be included on list to be sent to State House Commission for purchase without advertising.
- Corn Starch for Laundry Use—(Discussion.) Motion carried that this be purchased on unit of one pound, delivery in quantities as specified.
- Laundry Starch—(Discussion.) Motion carried that U. S. standard, Class 10, Item 10,609, be adopted.
- Soap—(Discussion.) Motion carried that where soaps do not come under the standards already adopted, that they be classified with the list to be referred to the State House Commission to be purchased without advertising.

The meeting thereupon adjourned.











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